

$$\begin{pmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 0 & 2 & 0 & 0 & 0 & 2 & 0 & 0 & 2 & 2 & 0 & 0 \\ 0 & 0 & 2 & 0 & 2 & 2 & 0 & 0 & 2 & 0 & 2 & 2 \\ 0 & 0 & 0 & 2 & 2 & 2 & 0 & 0 & 0 & 2 & 2 & 2 \\ 0 & 0 & 0 & 0 & 4 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 4 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 2 & 0 & 2 & 2 & 2 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 2 & 2 & 2 & 0 & 2 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 4 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 4 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 4 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 4 \end{pmatrix}$$

*Group Order: 1061683200
 = [<2, 19>, <3, 4>, <5, 2>]

*Kissing Number:64

*Theta Series
 $1 + 64q^{12} + 264q^{16} + 768q^{20} + 2048q^{24} + 4224q^{28} + \dots$

*Shortest Vectors
 (1 -1 -1 -1 1 -1 -1 -1 1 1 -1 -1),
 (1 -1 -1 -1 1 -1 -1 1 -1 -1 -1 1),
 (1 -1 -1 -1 1 -1 1 -1 -1 -1 1 -1),
 (1 -1 -1 -1 1 -1 1 1 1 1 1 1),
 (1 -1 -1 1 -1 1 -1 -1 1 -1 1 1),
 (1 -1 -1 1 -1 1 -1 1 -1 1 1 -1),
 (1 -1 -1 1 -1 1 1 -1 -1 1 -1 1),
 (1 -1 -1 1 -1 1 1 1 1 -1 -1 -1),
 (1 -1 1 -1 -1 1 -1 -1 -1 1 1 1),
 (1 -1 1 -1 -1 1 -1 1 1 -1 1 -1),
 (1 -1 1 -1 -1 1 1 -1 1 -1 -1 1),
 (1 -1 1 -1 -1 1 1 1 -1 -1 -1 -1),
 (1 -1 1 1 1 -1 -1 -1 -1 -1 -1 -1),
 (1 -1 1 1 1 -1 -1 1 1 1 -1 1),
 (1 -1 1 1 1 -1 1 -1 1 1 1 -1),
 (1 -1 1 1 1 -1 1 1 -1 -1 1 1),
 (1 1 -1 -1 1 1 -1 -1 -1 -1 -1 -1),
 (1 1 -1 -1 1 1 -1 1 1 1 -1 1),
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 (1 1 -1 -1 1 1 1 1 -1 -1 1 1),
 (1 1 -1 1 -1 -1 -1 -1 1 1 1 1),
 (1 1 -1 1 -1 -1 -1 1 1 -1 1 -1),
 (1 1 -1 1 -1 -1 1 1 -1 1 -1 -1),
 (1 1 -1 1 -1 -1 1 1 -1 1 -1 -1),
 (1 1 1 -1 -1 -1 -1 -1 1 -1 1 1),
 (1 1 1 -1 -1 -1 -1 1 -1 1 1 -1),
 (1 1 1 -1 -1 -1 1 -1 -1 1 -1 1),
 (1 1 1 -1 -1 -1 1 1 1 -1 -1 -1),
 (1 1 1 1 1 1 -1 -1 1 1 -1 -1),
 (1 1 1 1 1 1 -1 1 -1 -1 -1 1),
 (1 1 1 1 1 1 1 -1 -1 -1 1 -1),
 (1 1 1 1 1 1 1 1 -1 -1 -1 -1),
 (1 1 1 1 1 1 1 1 1 1 1 1)