

$$\begin{aligned}
\Delta_{2,6,10} &= \Delta_{3,5,7,11,13,15}\Delta_{2,8,10} - \Delta_{3,5,7,9,11,15}\Delta_{2,10,12} + \Delta_{3,5,7,9,11,13}\Delta_{2,10,14} \\
\Delta_{2,6,12} &= \Delta_{1,5,9,11,13,15}\Delta_{4,6,12} \\
\Delta_{2,6,12} &= \Delta_{2,12,14}\Delta_{4,6,12} \\
\Delta_{2,6,12} &= \Delta_{3,5,7,11,13,15}\Delta_{2,8,12} - \Delta_{3,5,7,9,13,15}\Delta_{2,10,12} + \Delta_{3,5,7,9,11,13}\Delta_{2,12,14} \\
\Delta_{2,6,14} &= \Delta_{1,5,9,11,13,15}\Delta_{4,6,14} \\
\Delta_{2,6,14} &= \Delta_{2,12,14}\Delta_{4,6,14} \\
\Delta_{2,6,14} &= \Delta_{3,5,7,11,13,15}\Delta_{2,8,14} - \Delta_{3,5,7,9,13,15}\Delta_{2,10,14} + \Delta_{3,5,7,9,11,15}\Delta_{2,12,14} \\
\Delta_{2,8,10} &= -\Delta_{4,8,14}\Delta_{2,10,12} + \Delta_{4,10,14}\Delta_{2,8,12} \\
\Delta_{2,8,10} &= \Delta_{1,5,9,11,13,15}\Delta_{4,8,10} \\
\Delta_{2,8,10} &= \Delta_{2,12,14}\Delta_{4,8,10} \\
\Delta_{2,8,10} &= \Delta_{3,5,7,9,13,15}\Delta_{2,10,12} - \Delta_{3,5,7,9,11,15}\Delta_{2,10,14} \\
\Delta_{2,8,12} &= \Delta_{1,5,9,11,13,15}\Delta_{4,8,12} \\
\Delta_{2,8,12} &= \Delta_{2,12,14}\Delta_{4,8,12} \\
\Delta_{2,8,12} &= \Delta_{3,5,7,11,13,15}\Delta_{2,10,12} - \Delta_{3,5,7,9,11,15}\Delta_{2,12,14} \\
\Delta_{2,8,14} &= \Delta_{1,5,9,11,13,15}\Delta_{4,8,14} \\
\Delta_{2,8,14} &= \Delta_{2,12,14}\Delta_{4,8,14} \\
\Delta_{2,8,14} &= \Delta_{3,5,7,11,13,15}\Delta_{2,10,14} - \Delta_{3,5,7,9,13,15}\Delta_{2,12,14} \\
\Delta_{2,10,12} &= \Delta_{1,5,9,11,13,15}\Delta_{4,10,12} \\
\Delta_{2,10,12} &= \Delta_{2,12,14}\Delta_{4,10,12} \\
\Delta_{2,10,14} &= \Delta_{1,5,9,11,13,15}\Delta_{4,10,14} \\
\Delta_{2,10,14} &= \Delta_{2,12,14}\Delta_{4,10,14} \\
\Delta_{4,6,8} &= -\Delta_{4,6,14}\Delta_{4,8,12} + \Delta_{4,8,14}\Delta_{4,6,12} \\
\Delta_{4,6,8} &= \Delta_{3,5,7,11,13,15}\Delta_{4,6,10} - \Delta_{3,5,7,9,13,15}\Delta_{4,6,12} + \Delta_{3,5,7,9,11,15}\Delta_{4,6,14} \\
\Delta_{4,6,8} &= \Delta_{3,5,7,9,13,15}\Delta_{4,8,10} - \Delta_{3,5,7,9,11,15}\Delta_{4,8,12} + \Delta_{3,5,7,9,11,13}\Delta_{4,8,14} \\
\Delta_{4,6,10} &= -\Delta_{4,6,14}\Delta_{4,10,12} + \Delta_{4,10,14}\Delta_{4,6,12} \\
\Delta_{4,6,10} &= \Delta_{3,5,7,11,13,15}\Delta_{4,8,10} - \Delta_{3,5,7,9,11,15}\Delta_{4,10,12} + \Delta_{3,5,7,9,11,13}\Delta_{4,10,14} \\
\Delta_{4,8,10} &= -\Delta_{4,8,14}\Delta_{4,10,12} + \Delta_{4,10,14}\Delta_{4,8,12} \\
\Delta_{4,8,10} &= \Delta_{3,5,7,9,13,15}\Delta_{4,10,12} - \Delta_{3,5,7,9,11,15}\Delta_{4,10,14}
\end{aligned}$$

Remaining minors after eliminating quadratic (or higher degree) dependencies:

$$\Delta_{2,4,12}, \Delta_{2,4,14}, \Delta_{2,12,14}, \Delta_{4,6,12}, \Delta_{4,6,14}, \Delta_{4,8,12}, \Delta_{4,8,14}, \Delta_{4,10,12}, \Delta_{4,10,14}, \Delta_{4,12,14}$$

$$\Delta_{1,3,5,9,13,15}, \Delta_{1,3,5,11,13,15}, \Delta_{1,5,9,11,13,15}, \Delta_{3,5,7,9,11,13}, \Delta_{3,5,7,9,11,15}, \Delta_{3,5,7,9,13,15}, \Delta_{3,5,7,11,13,15}, \Delta_{3,5,9,11,13,15}$$

Linear Dependencies:

$$\begin{aligned}
\Delta_{2,12,14} - \Delta_{1,5,9,11,13,15} &\stackrel{\alpha}{=} 0 \\
\Delta_{2,4,12} - \Delta_{1,3,5,9,11,15} &\stackrel{\alpha}{=} \Delta_{1,3,9,11,13,15}\Delta_{4,6,12} - \Delta_{1,3,5,11,13,15}\Delta_{4,10,12} \\
\Delta_{2,4,14} - \Delta_{1,3,5,9,13,15} &\stackrel{\alpha}{=} \Delta_{1,3,9,11,13,15}\Delta_{4,6,14} - \Delta_{1,3,5,11,13,15}\Delta_{4,10,14} \\
\Delta_{4,6,12} - \Delta_{3,5,7,9,11,13} &\stackrel{\beta}{=} \Delta_{3,5,7,11,13,15}\Delta_{4,8,12} - \Delta_{3,5,7,9,13,15}\Delta_{4,10,12} \\
\Delta_{4,6,14} - \Delta_{3,5,7,9,11,15} &\stackrel{\beta}{=} \Delta_{3,5,7,11,13,15}\Delta_{4,8,14} - \Delta_{3,5,7,9,13,15}\Delta_{4,10,14} \\
\Delta_{4,8,12} + \Delta_{3,5,7,9,11,15} &\stackrel{\alpha}{=} \Delta_{3,5,7,11,13,15}\Delta_{4,10,12} \\
\Delta_{4,8,14} + \Delta_{3,5,7,9,13,15} &\stackrel{\alpha}{=} \Delta_{3,5,7,11,13,15}\Delta_{4,10,14}
\end{aligned}$$

$$\underline{S_1 = \{3, 5, 11, 13, 15, 17\} \quad S_2 = \{4, 12, 14\}}$$

Zero relations:

$$\begin{aligned}
&\Delta_{1,7,9,11,13,15} = \Delta_{1,7,9,11,13,17} = \Delta_{1,7,9,11,15,17} = \Delta_{1,7,9,13,15,17} = \Delta_{1,7,11,13,15,17} = \Delta_{1,9,11,13,15,17} = \\
&\Delta_{3,7,9,11,13,15} = \Delta_{3,7,9,11,13,17} = \Delta_{3,7,9,11,15,17} = \Delta_{3,7,9,13,15,17} = \Delta_{3,7,11,13,15,17} = \Delta_{3,9,11,13,15,17} = \Delta_{5,7,9,11,13,15} = \\
&\Delta_{5,7,9,11,13,17} = \Delta_{5,7,9,11,15,17} = \Delta_{5,7,9,13,15,17} = \Delta_{5,7,11,13,15,17} = \Delta_{5,9,11,13,15,17} = \Delta_{7,9,11,13,15,17} = 0
\end{aligned}$$

$$\begin{aligned}
&\Delta_{2,4,16} = \Delta_{2,6,16} = \Delta_{2,8,16} = \Delta_{2,10,16} = \Delta_{2,12,16} = \Delta_{2,14,16} = \Delta_{4,6,16} = \Delta_{4,8,16} = \Delta_{4,10,16} = \Delta_{4,12,16} = \\
&\Delta_{4,14,16} = \Delta_{6,8,10} = \Delta_{6,8,12} = \Delta_{6,8,14} = \Delta_{6,8,16} = \Delta_{6,10,12} = \Delta_{6,10,14} = \Delta_{6,10,16} = \Delta_{6,12,14} = \Delta_{6,12,16} =
\end{aligned}$$

[illegible]

[illegible]

$$\begin{aligned}
\Delta_{1,5,9,11,13,17} &= \Delta_{1,5,11,13,15,17} \Delta_{3,5,9,11,13,17} \\
\Delta_{1,5,9,11,13,17} &= \Delta_{3,5,9,11,13,17} \Delta_{2,12,14} \\
\Delta_{1,5,9,11,15,17} &= -\Delta_{1,5,11,13,15,17} \Delta_{4,8,14} + \Delta_{1,5,9,13,15,17} \Delta_{4,10,14} \\
\Delta_{1,5,9,11,15,17} &= \Delta_{1,5,11,13,15,17} \Delta_{3,5,9,11,15,17} \\
\Delta_{1,5,9,11,15,17} &= \Delta_{1,5,11,13,15,17} \Delta_{4,10,12} \\
\Delta_{1,5,9,11,15,17} &= \Delta_{3,5,9,11,15,17} \Delta_{2,12,14} \\
\Delta_{1,5,9,13,15,17} &= \Delta_{1,5,11,13,15,17} \Delta_{3,5,9,13,15,17} \\
\Delta_{1,5,9,13,15,17} &= \Delta_{1,5,11,13,15,17} \Delta_{4,10,14} \\
\Delta_{1,5,9,13,15,17} &= \Delta_{3,5,9,13,15,17} \Delta_{2,12,14} \\
\Delta_{3,5,7,9,11,13} &= -\Delta_{3,5,7,11,13,17} \Delta_{3,5,9,11,13,15} + \Delta_{3,5,9,11,13,17} \Delta_{3,5,7,11,13,15} \\
\Delta_{3,5,7,9,11,13} &= \Delta_{3,5,9,11,13,15} \Delta_{4,6,12} - \Delta_{3,5,7,11,13,15} \Delta_{4,8,12} + \Delta_{3,5,7,9,13,15} \Delta_{4,10,12} \\
\Delta_{3,5,7,9,11,15} &= -\Delta_{3,5,7,11,15,17} \Delta_{3,5,9,11,13,15} + \Delta_{3,5,9,11,15,17} \Delta_{3,5,7,11,13,15} \\
\Delta_{3,5,7,9,11,15} &= -\Delta_{3,5,9,11,13,15} \Delta_{4,8,12} + \Delta_{3,5,7,11,13,15} \Delta_{4,10,12} \\
\Delta_{3,5,7,9,11,15} &= \Delta_{3,5,9,11,13,15} \Delta_{4,6,14} - \Delta_{3,5,7,11,13,15} \Delta_{4,8,14} + \Delta_{3,5,7,9,13,15} \Delta_{4,10,14} \\
\Delta_{3,5,7,9,11,17} &= -\Delta_{3,5,7,11,15,17} \Delta_{3,5,9,11,13,17} + \Delta_{3,5,9,11,15,17} \Delta_{3,5,7,11,13,17} \\
\Delta_{3,5,7,9,11,17} &= -\Delta_{3,5,9,11,13,17} \Delta_{4,8,12} + \Delta_{3,5,7,11,13,17} \Delta_{4,10,12} \\
\Delta_{3,5,7,9,11,17} &= -\Delta_{3,5,9,11,15,17} \Delta_{4,6,12} + \Delta_{3,5,7,11,15,17} \Delta_{4,8,12} - \Delta_{3,5,7,9,15,17} \Delta_{4,10,12} \\
\Delta_{3,5,7,9,11,17} &= \Delta_{3,5,9,11,13,17} \Delta_{4,6,14} - \Delta_{3,5,7,11,13,17} \Delta_{4,8,14} + \Delta_{3,5,7,9,13,17} \Delta_{4,10,14} \\
\Delta_{3,5,7,9,13,15} &= -\Delta_{3,5,7,13,15,17} \Delta_{3,5,9,11,13,15} + \Delta_{3,5,9,13,15,17} \Delta_{3,5,7,11,13,15} \\
\Delta_{3,5,7,9,13,15} &= -\Delta_{3,5,9,11,13,15} \Delta_{4,8,14} + \Delta_{3,5,7,11,13,15} \Delta_{4,10,14} \\
\Delta_{3,5,7,9,13,17} &= -\Delta_{3,5,7,13,15,17} \Delta_{3,5,9,11,13,17} + \Delta_{3,5,9,13,15,17} \Delta_{3,5,7,11,13,17} \\
\Delta_{3,5,7,9,13,17} &= -\Delta_{3,5,9,11,13,17} \Delta_{4,8,14} + \Delta_{3,5,7,11,13,17} \Delta_{4,10,14} \\
\Delta_{3,5,7,9,13,17} &= -\Delta_{3,5,9,13,15,17} \Delta_{4,6,12} + \Delta_{3,5,7,13,15,17} \Delta_{4,8,12} \\
\Delta_{3,5,7,9,15,17} &= -\Delta_{3,5,7,13,15,17} \Delta_{3,5,9,11,15,17} + \Delta_{3,5,9,13,15,17} \Delta_{3,5,7,11,15,17} \\
\Delta_{3,5,7,9,15,17} &= -\Delta_{3,5,9,11,15,17} \Delta_{4,8,14} + \Delta_{3,5,7,11,15,17} \Delta_{4,10,14} \\
\Delta_{3,5,7,9,15,17} &= -\Delta_{3,5,9,13,15,17} \Delta_{4,6,14} + \Delta_{3,5,7,13,15,17} \Delta_{4,8,14} \\
\Delta_{3,5,7,9,15,17} &= \Delta_{3,5,9,13,15,17} \Delta_{4,8,12} - \Delta_{3,5,7,13,15,17} \Delta_{4,10,12} \\
\Delta_{2,4,6} &= -\Delta_{2,4,14} \Delta_{4,6,12} + \Delta_{4,6,14} \Delta_{2,4,12} \\
\Delta_{2,4,6} &= \Delta_{1,3,5,13,15,17} \Delta_{4,6,12} - \Delta_{1,3,5,11,15,17} \Delta_{4,6,14} \\
\Delta_{2,4,6} &= \Delta_{3,5,7,13,15,17} \Delta_{2,4,10} - \Delta_{3,5,7,11,15,17} \Delta_{2,4,12} + \Delta_{3,5,7,11,13,17} \Delta_{2,4,14} \\
\Delta_{2,4,8} &= -\Delta_{2,4,14} \Delta_{4,8,12} + \Delta_{4,8,14} \Delta_{2,4,12} \\
\Delta_{2,4,8} &= \Delta_{1,3,11,13,15,17} \Delta_{4,6,8} + \Delta_{1,3,5,13,15,17} \Delta_{4,8,12} - \Delta_{1,3,5,11,15,17} \Delta_{4,8,14} \\
\Delta_{2,4,8} &= \Delta_{3,5,7,13,15,17} \Delta_{2,4,12} - \Delta_{3,5,7,11,15,17} \Delta_{2,4,14} \\
\Delta_{2,4,8} &= \Delta_{3,5,9,13,15,17} \Delta_{2,4,10} - \Delta_{3,5,9,11,15,17} \Delta_{2,4,12} + \Delta_{3,5,9,11,13,17} \Delta_{2,4,14} \\
\Delta_{2,4,10} &= -\Delta_{2,4,14} \Delta_{4,10,12} + \Delta_{4,10,14} \Delta_{2,4,12} \\
\Delta_{2,4,10} &= \Delta_{1,3,11,13,15,17} \Delta_{4,6,10} + \Delta_{1,3,5,13,15,17} \Delta_{4,10,12} - \Delta_{1,3,5,11,15,17} \Delta_{4,10,14} \\
\Delta_{2,4,10} &= \Delta_{3,5,9,13,15,17} \Delta_{2,4,12} - \Delta_{3,5,9,11,15,17} \Delta_{2,4,14} \\
\Delta_{2,6,8} &= -\Delta_{3,5,7,13,15,17} \Delta_{2,8,10} + \Delta_{3,5,7,11,15,17} \Delta_{2,8,12} - \Delta_{3,5,7,11,13,17} \Delta_{2,8,14} \\
\Delta_{2,6,8} &= -\Delta_{4,6,14} \Delta_{2,8,12} + \Delta_{4,8,14} \Delta_{2,6,12} \\
\Delta_{2,6,8} &= \Delta_{1,5,11,13,15,17} \Delta_{4,6,8} \\
\Delta_{2,6,8} &= \Delta_{2,12,14} \Delta_{4,6,8} \\
\Delta_{2,6,8} &= \Delta_{3,5,7,13,15,17} \Delta_{2,6,12} - \Delta_{3,5,7,11,15,17} \Delta_{2,6,14} \\
\Delta_{2,6,8} &= \Delta_{3,5,9,13,15,17} \Delta_{2,6,10} - \Delta_{3,5,9,11,15,17} \Delta_{2,6,12} + \Delta_{3,5,9,11,13,17} \Delta_{2,6,14} \\
\Delta_{2,6,10} &= -\Delta_{4,6,14} \Delta_{2,10,12} + \Delta_{4,10,14} \Delta_{2,6,12} \\
\Delta_{2,6,10} &= \Delta_{1,5,11,13,15,17} \Delta_{4,6,10} \\
\Delta_{2,6,10} &= \Delta_{2,12,14} \Delta_{4,6,10} \\
\Delta_{2,6,10} &= \Delta_{3,5,7,11,15,17} \Delta_{2,10,12} - \Delta_{3,5,7,11,13,17} \Delta_{2,10,14} \\
\Delta_{2,6,10} &= \Delta_{3,5,9,13,15,17} \Delta_{2,6,12} - \Delta_{3,5,9,11,15,17} \Delta_{2,6,14} \\
\Delta_{2,6,12} &= \Delta_{1,5,11,13,15,17} \Delta_{4,6,12} \\
\Delta_{2,6,12} &= \Delta_{2,12,14} \Delta_{4,6,12} \\
\Delta_{2,6,12} &= \Delta_{3,5,7,13,15,17} \Delta_{2,10,12} - \Delta_{3,5,7,11,13,17} \Delta_{2,12,14} \\
\Delta_{2,6,14} &= \Delta_{1,5,11,13,15,17} \Delta_{4,6,14} \\
\Delta_{2,6,14} &= \Delta_{2,12,14} \Delta_{4,6,14} \\
\Delta_{2,6,14} &= \Delta_{3,5,7,13,15,17} \Delta_{2,10,14} - \Delta_{3,5,7,11,15,17} \Delta_{2,12,14}
\end{aligned}$$

$$\begin{aligned}
\Delta_{2,8,10} &= -\Delta_{3,5,7,13,15,17}\Delta_{2,10,12} + \Delta_{3,5,7,11,15,17}\Delta_{2,10,14} \\
\Delta_{2,8,10} &= -\Delta_{4,8,14}\Delta_{2,10,12} + \Delta_{4,10,14}\Delta_{2,8,12} \\
\Delta_{2,8,10} &= \Delta_{1,5,11,13,15,17}\Delta_{4,8,10} \\
\Delta_{2,8,10} &= \Delta_{2,12,14}\Delta_{4,8,10} \\
\Delta_{2,8,10} &= \Delta_{3,5,9,11,15,17}\Delta_{2,10,12} - \Delta_{3,5,9,11,13,17}\Delta_{2,10,14} \\
\Delta_{2,8,10} &= \Delta_{3,5,9,13,15,17}\Delta_{2,8,12} - \Delta_{3,5,9,11,15,17}\Delta_{2,8,14} \\
\Delta_{2,8,12} &= \Delta_{1,5,11,13,15,17}\Delta_{4,8,12} \\
\Delta_{2,8,12} &= \Delta_{2,12,14}\Delta_{4,8,12} \\
\Delta_{2,8,12} &= \Delta_{3,5,7,11,15,17}\Delta_{2,12,14} \\
\Delta_{2,8,12} &= \Delta_{3,5,9,13,15,17}\Delta_{2,10,12} - \Delta_{3,5,9,11,13,17}\Delta_{2,12,14} \\
\Delta_{2,8,14} &= \Delta_{1,5,11,13,15,17}\Delta_{4,8,14} \\
\Delta_{2,8,14} &= \Delta_{2,12,14}\Delta_{4,8,14} \\
\Delta_{2,8,14} &= \Delta_{3,5,7,13,15,17}\Delta_{2,12,14} \\
\Delta_{2,8,14} &= \Delta_{3,5,9,13,15,17}\Delta_{2,10,14} - \Delta_{3,5,9,11,15,17}\Delta_{2,12,14} \\
\Delta_{2,10,12} &= \Delta_{1,5,11,13,15,17}\Delta_{4,10,12} \\
\Delta_{2,10,12} &= \Delta_{2,12,14}\Delta_{4,10,12} \\
\Delta_{2,10,12} &= \Delta_{3,5,9,11,15,17}\Delta_{2,12,14} \\
\Delta_{2,10,14} &= \Delta_{1,5,11,13,15,17}\Delta_{4,10,14} \\
\Delta_{2,10,14} &= \Delta_{2,12,14}\Delta_{4,10,14} \\
\Delta_{2,10,14} &= \Delta_{3,5,9,13,15,17}\Delta_{2,12,14} \\
\Delta_{4,6,8} &= -\Delta_{3,5,7,13,15,17}\Delta_{4,8,10} + \Delta_{3,5,7,11,15,17}\Delta_{4,8,12} - \Delta_{3,5,7,11,13,17}\Delta_{4,8,14} \\
\Delta_{4,6,8} &= -\Delta_{4,6,14}\Delta_{4,8,12} + \Delta_{4,8,14}\Delta_{4,6,12} \\
\Delta_{4,6,8} &= \Delta_{3,5,7,13,15,17}\Delta_{4,6,12} - \Delta_{3,5,7,11,15,17}\Delta_{4,6,14} \\
\Delta_{4,6,8} &= \Delta_{3,5,9,13,15,17}\Delta_{4,6,10} - \Delta_{3,5,9,11,15,17}\Delta_{4,6,12} + \Delta_{3,5,9,11,13,17}\Delta_{4,6,14} \\
\Delta_{4,6,10} &= -\Delta_{4,6,14}\Delta_{4,10,12} + \Delta_{4,10,14}\Delta_{4,6,12} \\
\Delta_{4,6,10} &= \Delta_{3,5,7,11,15,17}\Delta_{4,10,12} - \Delta_{3,5,7,11,13,17}\Delta_{4,10,14} \\
\Delta_{4,6,10} &= \Delta_{3,5,9,13,15,17}\Delta_{4,6,12} - \Delta_{3,5,9,11,15,17}\Delta_{4,6,14} \\
\Delta_{4,8,10} &= -\Delta_{3,5,7,13,15,17}\Delta_{4,10,12} + \Delta_{3,5,7,11,15,17}\Delta_{4,10,14} \\
\Delta_{4,8,10} &= -\Delta_{4,8,14}\Delta_{4,10,12} + \Delta_{4,10,14}\Delta_{4,8,12} \\
\Delta_{4,8,10} &= \Delta_{3,5,9,11,15,17}\Delta_{4,10,12} - \Delta_{3,5,9,11,13,17}\Delta_{4,10,14} \\
\Delta_{4,8,10} &= \Delta_{3,5,9,13,15,17}\Delta_{4,8,12} - \Delta_{3,5,9,11,15,17}\Delta_{4,8,14}
\end{aligned}$$

Remaining minors after eliminating quadratic (or higher degree) dependencies:

$$\Delta_{2,4,12}, \Delta_{2,4,14}, \Delta_{2,12,14}, \Delta_{4,6,12}, \Delta_{4,6,14}, \Delta_{4,8,12}, \Delta_{4,8,14}, \Delta_{4,10,12}, \Delta_{4,10,14}, \Delta_{4,12,14}$$

$$\Delta_{1,3,5,11,13,15}, \Delta_{1,3,5,13,15,17}, \Delta_{1,5,11,13,15,17}, \Delta_{3,5,7,11,13,15}, \Delta_{3,5,7,11,13,17}, \Delta_{3,5,7,11,15,17}, \Delta_{3,5,7,13,15,17}, \Delta_{3,5,9,11,13,15}, \Delta_{3,5,9,11,13,17}, \Delta_{3,5,9,11,15,17}, \Delta_{3,5,9,13,15,17}, \Delta_{3,5,11,13,15,17}$$

Linear Dependencies:

$$\begin{aligned}
\Delta_{2,12,14} - \Delta_{1,5,11,13,15,17} &\stackrel{\alpha}{=} 0 \\
\Delta_{2,4,12} + \Delta_{1,3,5,11,15,17} &\stackrel{\alpha}{=} \Delta_{1,3,11,13,15,17}\Delta_{4,6,12} \\
\Delta_{2,4,14} + \Delta_{1,3,5,13,15,17} &\stackrel{\alpha}{=} \Delta_{1,3,11,13,15,17}\Delta_{4,6,14} \\
\Delta_{4,10,12} - \Delta_{3,5,9,11,15,17} &\stackrel{\alpha}{=} 0 \\
\Delta_{4,10,14} - \Delta_{3,5,9,13,15,17} &\stackrel{\alpha}{=} 0 \\
\Delta_{4,6,12} + \Delta_{3,5,7,11,13,17} &\stackrel{\beta}{=} \Delta_{3,5,7,13,15,17}\Delta_{4,10,12} \\
\Delta_{4,6,14} + \Delta_{3,5,7,11,15,17} &\stackrel{\beta}{=} \Delta_{3,5,7,13,15,17}\Delta_{4,10,14} \\
\Delta_{4,8,12} + \Delta_{3,5,9,11,13,17} &\stackrel{\beta}{=} \Delta_{3,5,9,13,15,17}\Delta_{4,10,12} \\
\Delta_{4,8,12} - \Delta_{3,5,7,11,15,17} &\stackrel{\alpha}{=} 0 \\
\Delta_{4,8,14} + \Delta_{3,5,9,11,15,17} &\stackrel{\beta}{=} \Delta_{3,5,9,13,15,17}\Delta_{4,10,14} \\
\Delta_{4,8,14} - \Delta_{3,5,7,13,15,17} &\stackrel{\alpha}{=} 0
\end{aligned}$$