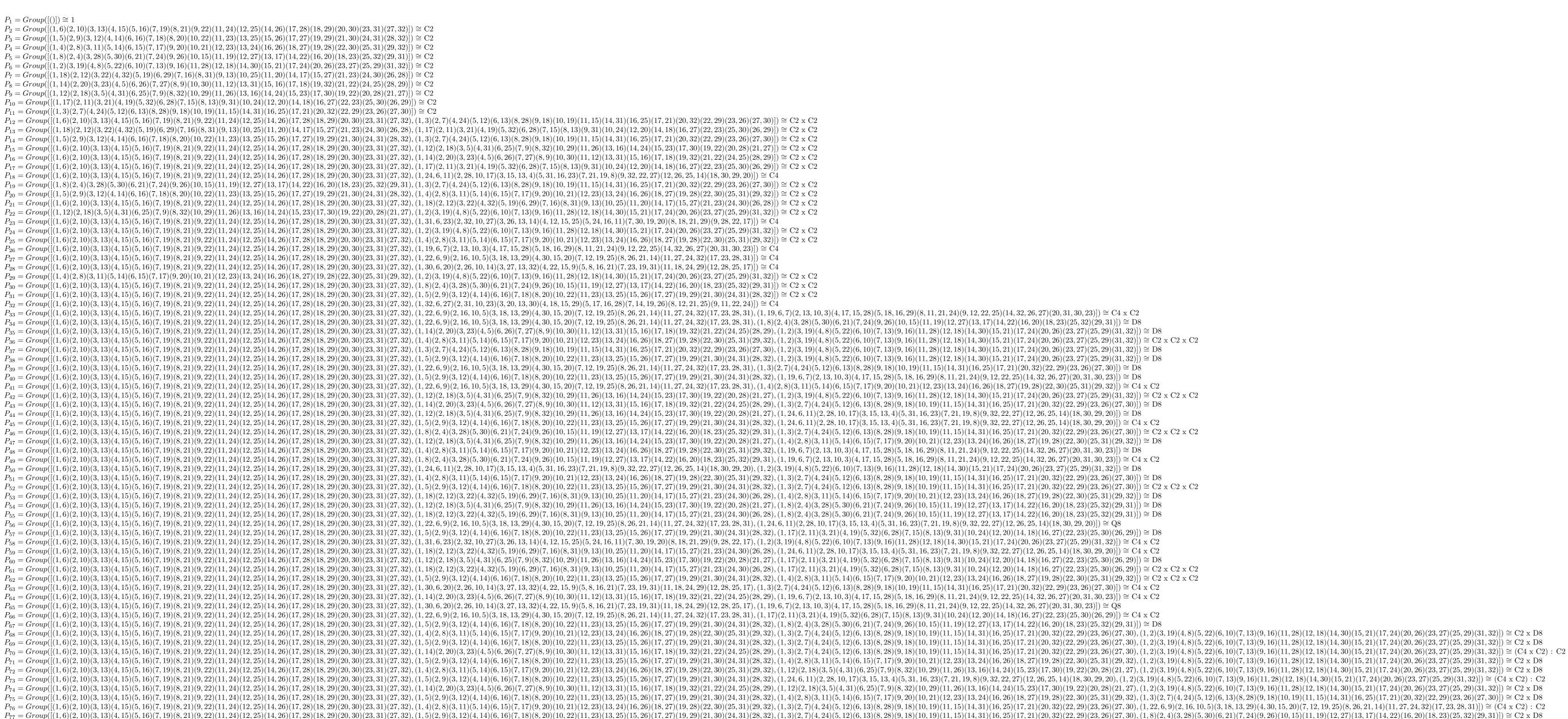
The group G is isomorphic to the group labelled by [32, 49] in the Small Groups library. Ordinary character table of $G \cong (C2 \times C2 \times C2) : (C2 \times C2)$:

Trivial source character table of $G \cong (C2 \times C2 \times C2)$: $(C2 \times C2)$ at $p = 2$:				l	XII									
Normalisers N_i	$\begin{array}{ c c c c c c c }\hline N_1 & N_2 & N_3 & N_3 & N_4 \\\hline D & D & D & D & D \\\hline \end{array}$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$N_{23} \mid N_{24} \mid N_{25} \mid N_{26} \mid N_{27} \mid N_{28} \mid N_{25} \mid N_{26} \mid N_{27} \mid N_{28} \mid N$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	N_{36} N_{37} N_{38} N_{39} N_{40} N_{4}	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	N_{53} N_{54} N_{55} N_{56} N_{57} N_{58}	$egin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
p -subgroups of G up to conjugacy in G $Representatives n_j \in N_i$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} r_4 & F_5 & F_6 & F_7 & F_8 & F_9 & F_{10} & F_{11} \\ a & 1a & 1a & 1a & 1a & 1a & 1a \end{bmatrix}$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{bmatrix} r_{48} & r_{49} & r_{50} & r_{51} & r_{52} \\ a & 1a & 1a & 1a & 1a \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 4 \cdot \chi_{17}$	32 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}$	16 16 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{pmatrix}$	0 0 0 0 0 0	0 0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 2 \cdot \chi_{17}$		0 8 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}{1 \cdot \chi_4 + 0 \cdot \chi_4 + 1 \cdot \chi_4 + 0 \cdot \chi_4 +$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 2 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{pmatrix}$	0 0 0 0 0 0	0 0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 2 \cdot \chi_{17}$	16 0 0	0 0 0 0 0 8 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}$		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17}}$	 	$egin{array}{c c c c c c c c c c c c c c c c c c c $	8 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 &$	0 0 0 0 0 0	0 0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}$	 	0 0 0 4 4 0 4 0	0 2 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	8 0 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	8 8 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	0 0 0 0 8 0	$\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	8 8 0	0 0 0 0 0 0 8 0	0 0 0 0 8	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}}$	8 8 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{array}$			
$\frac{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$		0 0 0 8 0 0 0 0	0 0 0 0 0 0	0 0 0 8 0 0	0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0	
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	0 0 8 0 0 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 0 0 0 0 0			0 0 0 0 0 0		0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$		8 0 0 0 0 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 8 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 8 0		0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}$	 	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 2		0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $		$egin{array}{c c c c c c c c c c c c c c c c c c c $		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 &$			
$\frac{1}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	8 8 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	0 0 8 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}$	4 4 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	0 0 0 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 4 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0			0 0 0 0 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $			
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 0 0 0 4 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 &$			
$\frac{\chi_1 + \chi_2 + \chi_3 + \chi_4 + \chi_5 + \chi_6 + \chi_7 + \chi_6 + \chi_7 + \chi_8 + \chi_9 + \chi_{10} + \chi_{11} + \chi_{12} + \chi_{13} + \chi_{14} + \chi_{15} + \chi_{16} + \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	4 4 0	4 4 4 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	4 4 0 0 0 4	4 4 0 0 0 0 0	4 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	4 4 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 0 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	+ , + , + , +	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{pmatrix}$	0 0 0 0 0 0	0 0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	4 4 4	0 0 0 4 0 0 0 0	0 0 0 0 0 0	0 0 0 4 0 0	0 0 4 0 0	0 0 4 0 0 0 0	0 0 0 0 4 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	4 4 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	$egin{array}{c c c c c c c c c c c c c c c c c c c $	4 0 0 0 4 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 4 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot $		0 0 0 0 4 4 0 0	0 0 0 4 4 0	1 0 0 0 0 0	0 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 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{c c c c c c c c c c c c c c c c c c c $		$egin{array}{c c c c c c c c c c c c c c c c c c c $	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{array}$			
$\frac{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	$egin{array}{c c c c c c c c c c c c c c c c c c c $	0 0 0 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 4 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 4	0 0 0 0	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	4 4 0	4 0 0 0 0 0 4 0	0 0 0 0 0 4	0 0 0 0 0	0 4 4 0 0		0 0 0 0 0 0	0 0 0 0 0 0	4 0 0 0 0	0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 &$			
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	4 4 0	4 0 0 0 0 0 0 4	4 0 0 0 0 0	1 0 0 0 0 0	0 4 0 0 0	0 0 0 0 0 0	0 0 0 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 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{1$	4 4 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	4 4 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 4 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	$\begin{pmatrix} 0 & 0 & 4 & 0 & 0 & 0 \\ 0 & 4 & 0 & 4 & 0 & 0 & 0 \end{pmatrix}$	0 0 0 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 4 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
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$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{array}$			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	 	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		0 0 0 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot $		0 0 0 4 0 0 0 0	0 0 0 0 0 0	1 0 0 4 0 0	0 0 0 0 4		0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	$egin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	 	4 0 0 0 4 0 0 0	0 0 0 0 4 0	0 0 4 0 0 0	0 4 0 0 0	0 0 4 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 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 0 0	0 0 0 0 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	4 4 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	4 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 4 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	0 0 0 0 0 0		
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$\frac{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$	2 2 0	$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0	$egin{pmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \hline \end{pmatrix}$	0 0 0 0 2 0	0 0 0 0 0 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	2 2 0	0 0 2 0 2 0 0 2	2 0 0 0 2 0	0 0 0 0 2	2 0 2 0 2	0 0 0 2 0 0 2	0 2 0 0 0 0	0 2 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2 0 0 0 0 2 2	2 0 0 0 0 2	0 0 0 0 0	0 0 0 0 0 0 0
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$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 0 0 0 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 0 0 0 2 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 2 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 2 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 2 0 0 0 0	0 0 2 0 0 0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	2 2 0	0 0 2 2 2 2 2 0	0 2 0 2 2 2	2 0 0 2 2 0	2 0 0 0 2	0 0 0 0 0 2	0 0 0 0 0	2 0 2 0 0	0 0 2 0 0	0 0 0 0 0	0 2 2 2 0 0 0	0 0 0 0 0	0 0 0 2 0 0	0 0 0 0 0 0 0
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$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	2 2 0	0 2 0 2 2 0 2 2	2 2 0 0 2 2	0 2 0 2 0 2	0 0 0 2 0	0 2 0 0 0 2 0	0 0 0 2 0 0	0 2 0 0 2 0	0 0 0 0 0	0 0 2 0 0	0 0 0 2 0 0 0	0 2 0 0 0 0	0 0 0 0 0	0 2 0 0 0 0 0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		0 0 0 0 0 0	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $			
$\frac{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}}$		$egin{array}{c c c c c c c c c c c c c c c c c c c $	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 2 0 2 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 2 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 2 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 0 2 0 0 0	0 0 0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	2 2 0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 2 2 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 2 2 0 0	2 0 2 2 0	0 0 0 0 0 0	0 0 2 0 0 0	0 2 0 0 0	0 2 0 2 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0		0 0 0 0 0 2 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	1 1 1	1 1 1 1 1 1 1 1 1									1 1 1 1 1 1 1		1 1 1 1 1 1	

 $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1 \\ 1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1 \\ 1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1 \\ 1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1 \\ 1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_{17}+$



 $P_{78} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,26)(27,30)(21,22)(24,25)(28,29), (1,3)(2,7,32)(1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,32)(21,22)(24,25)(28,29), (1,3)(2,7,32)(1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,32)(12,22)(12,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,32)(17,22)(24,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,32)(17,22)(24,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,14)(2,20)(3,20)(3,31)(27,32), (1,14)(2,20)(3,20)(3,31)(27,32), (1,14)(2,20)(3,20)(2$

 $N_7 = Group([(1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(9,13)(10,25)(11,20)(14,17)(15,27)(21,23)(24,30)(26,28), (1,2)(3,19)(4,20)(15,29)(13,19)(14,20)(15,29)(13,19)(14,20)(15,29)(13,19)(14,29)(15,19)(16,32)(18,26)(20,25)(23,31)]) \\ = C_2 \times D_8 \\ N_8 = Group([(1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,76,19)(2,31)(12,23)(24,28)(26,30)(27,31)(19,29)(21,29)(24,25)(28,29), (1,76,19)(23,31)(29,32), (1,76,19)(29,31)(29,32), (1,76,19)(29,31)(29$

 $N_{10} = Group([(1,17)(2,11)(3,21)(4,19)(5,32)(6,28)(7,15)(8,13)(9,31)(10,24)(12,20)(14,18)(16,27)(22,23)(25,30)(26,29),\\ (1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,21)(12,29)(14,24)(12,29)(14,29$

 $N_1 = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,3)(13,24)(16,26)(17,27)(19,29)(23,32)(23,29)(23,32)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,71)(9,29)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(23,31)(27,32)]) \\ = (C_2 \times C_2 \times C_$

 $P_{83} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(17,27)(19,20)(21,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,13)(9,12)(12,23)(13,24)(16,25)(17,21)(20,32)(22,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(17,21)(20,32)(22,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(17,21)(20,32)(22,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(17,21)(20,32)(22,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(17,21)(20,32)(22,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,15)(17,24)(12,23)(13,24)(16,25)(17,24)(12,23)(13,24)(16,25)(17,24$

 $N_9 = Group([(1,12)(2,18)(3,5)(4,31)(6,25)(7,9)(8,32)(10,29)(11,26)(13,16)(14,24)(15,23)(17,20)(24,28)(24,28)(26,30)(27,31)]) \\ \cong C2 \times D8 \\ D_9 = Group([(1,12)(2,18)(3,5)(4,31)(6,25)(7,9)(8,32)(10,29)(11,26)(13,16)(14,24)(15,23)(17,20)(17,20)(17$

$N_{11} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,31)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,30,6,20)(2,26,10,14)(3,27,13,32)(4,22,15,9)(5,8,16,21)(7,23,19,31)(11,18,24,29)(12,28,25,17)]) \\ \cong C2 \times D8$
$N_{12} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,28)(12,29)(23,20)(23,20)(23,21)(24,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,28)(12,29)(23,20)(23,21)(24,24)(15,29)(23,21)(24,21)(15,29)(23,21)(24,21)(15,29)(23,21)(24,$
$N_{13} = Group([(1,17)(2,11)(3,21)(4,19)(5,32)(6,28)(7,15)(8,13)(9,31)(10,24)(12,20)(14,18)(16,27)(22,23)(25,30)(26,29), \\ (1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(9,13)(10,25)(11,20)(14,17)(15,27)(21,23)(24,30)(26,28), \\ (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(26,29), \\ (1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(9,13)(10,24)(12,25)(14,26)(17,28)(18,29)(20,30)(26,29), \\ (1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(9,13)(10,24)(12,25)(14,26)(17,28)(18,29)(20,30)(26,29), \\ (1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(9,13)(10,24)(12,25)(14,26)(17,28)(18,29)(20,30)(26,29), \\ (1,18)(2,12)(3,22)(4,32)($
$N_{14} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,31)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(28,32)(28,29)(29,29)($
$N_{15} = Group([(1,12)(2,18)(3,5)(4,31)(6,25)(7,9)(8,32)(10,29)(11,24)(12,25)(14,26)(13,16)(14,24)(15,23)(13,24)(16,25)(17,24)(20,32)(22,30)(23,31)(27,32), (1,2)(23,23)(23,24)(16,26)(13,24)(16,25)(17,24)(20,32)(23,24)(16,26)(17,24)(20,32)(23,24)(16,26)(17,24)(20,32)(23,24)(16,26)(17,24)(20,32)(23,24)(16,26)(17,24)(20,32)(23,24)(16,26)(17,24)(20,32)(23,24)$
$N_{16} = Group([(1,14)(2,20)(3,23)(4,5)(6,25)(1,20)(3,23)(4,5)(6,25)(1,20)(3,23)(4,5)(6,25)(1,20)(3,23)(4,5)(6,25)(1,20)(3,23)(4,5)(6,25)(1,20)(3,23)(4,5)(6,25)(1,20)(3,23)(2,23)$
$N_{17} = Group([(1,17)(2,11)(3,21)(4,19)(5,32)(6,29)(1,24)(1,29)$
$N_{18} = Group([(1,24,6,11)(2,28,10,17)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,22,27)(12,26,25,14)(18,30,29,20), (1,5)(2,9)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2)(3,19)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \\ = (C2 \times C2 \times C2) \times (C2 \times C2) \times ($
$N_{19} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,31)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,8)(2,4)(3,28)(5,30)(6,21)(7,24)(9,26)(10,15)(11,19)(12,27)(13,17)(14,22)(16,20)(18,23)(25,32)(29,31), \\ (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,24)(9,26)(10,15)(11,19)(12,27)(13,17)(14,22)(16,20)(18,23)(25,32)(29,31), \\ (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,24)(12,25)(14,26)(17,24)(12,25)(14,26)(17,24)(18,24)(1$
$N_{20} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(12,25)(14,26)(17,28)(18,29)(19,29)(11,24)(19,29)(19,$
$N_{21} = Group([(1,18)(2,12)(3,22)(4,32)(5,19)(6,29)(7,16)(8,31)(2,7)(2,29)(23,26)(27,30)(13,24)(16,26)(17,24)(20,26)(23,27)(25,29)(23,26)(27,30)(13,24)(16,26)(17,24)(20,26)(23,27)(25,29)(23,26)(27,30)(25,31)(27,32)(17,24)(20,26)(23,27)(25,29)(23,26)(27,30)(25,31)(27,32)(27,29)(23,26)(27,30)(25,31)(27,32)(27,29)(23,26)(27,30)(25,31)(27,32)(27,29)(23,26)(27,30)(25,31)(27,32)(27,29)(23,26)(27,30)(27,32)(27,29)(2$
$N_{22} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,18)(14,30)(15,21)(17,24)(20,26)(23,27)(25,29)(31,32), (1,12)(2,18)(3,5)(4,31)(6,25)(7,9)(8,32)(10,29)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C2 \times C2 \times C2$
$N_{23} = Group([(1,31,6,23)(2,32,10,27)(3,26,13,14)(4,12,15,25)(5,24,16,11)(7,30,19,20)(23,24)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \\ \cong (C2 \times C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C3 \times C2) : (C3$
$N_{24} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,19)(9,23)(11,24)(12,23)(13,24)(14,26)(17,24)(20,32)(23,24)(13,24)(14,26)(17,24)(20,32)(23,24)(14,26)(17,24)(20,32)(23,24)(14,26)(17,24)(20,32)(23,24)(14,26)(17,24)(20,32)(23,24)(14,26)(17,24)(20,32)(23,24)$
$N_{25} = Group([(1, 2)(3, 13)(4, 13)(3, 2)(11, 23)(13, 2)(11, 23)(13, 2)(13, $
$N_{26} = Group([(1,19,6,7)(2,13,10,3)(4,17,15,28)(5,18,16,29)(21,30)(4,17,15,28)(5,18,16,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(3,19)(4,19)(23,29)(21,30)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)(23,31)(27,32),(1,2)(23,29)($
$N_{27} = Group([(1,22,6,9)(2,16,10,5)(3,18,13,29)(4,30,15,20)(7,12)(9,22)(11,24)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(4,30)(15,21)(17,24)(20,22)(13,24)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(4,30)(15,21)(17,24)(20,22)(13,24)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(4,30)(15,21)(17,24)(20,22)(13,24)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(4,30)(15,21)(17,24)(20,22)(11,24)(12,25)(14,26)(17,24)(12,25)(14,26)(17,24)$
$N_{28} = Group([(1,30,6,20)(2,26,10,14)(3,27,13,32)(4,22,15,9)(5,8,16,21)(7,23)(13,24)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30), \\ (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,25)(14,26)(17,21)(12,23)(13,24)(16,26)(17,21)(17,24)(12,25)(14,26)(17,21)(17,24)(12,25)(14,26)(17,21)(17,24)(12,25)(14,26)(17,21)(17,24)(1$
$N_{29} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,30)(25,31)(27,32)]) \\ \cong C2 \times C2 \times C2$
$N_{30} = Group([(1,8)(2,4)(3,28)(5,30)(6,21)(7,24)(9,26)(10,15)(11,28)(12,27)(13,17)(14,22)(16,20)(13,23)(25,32)(29,31), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \\ \cong (C2 \times C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C3 \times C2) : (C4 \times C2$
$N_{31} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(21,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(21,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(21,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(21,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,6)(21,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23)(13,24)(16,26)(17,23$
$N_{32} = Group([(1,32,6,27)(2,31,10,23)(3,20,13,20)(4,18,15,29)(5,17,10)(3,19)(4,19)(2,19)(1,29)(2,19)(1,29)(2,19)(1,29)(2,19)(1,29)(2,19)(1,29)(2,19)(1,29)(2,19)(1,29)(2,1$
$N_{33} = Group([(1,19,6,7)(2,13),(1,25)(3,17)(2,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)(3,19)(4,19)($
$N_{34} = Group([(1,8)(2,4)(3,28)(5,30)(6,21)(7,24)(9,26)(10,15)(11,29)(22,29)(23,26)(27,30)]) \\ = (C_2 \times C_2) \\ = (C_2 \times C_2$
$N_{35} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(17,24)(20,23)(23,27)(25,29)(31,32)(17,24)(20,23)(23,27)(25,29)(31,32)(17,24)(20,23)(23,27)(25,29)(31,32)(17,24)(20,23)(23,27)(25,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(25,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(25,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(22,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(22,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(22,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(22,29)(23,26)(27,30)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)(28,29)(21,24)(21,22)(24,25)$
$N_{36} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(17,24)(20,26)(23,27)(25,29)(31,32)(17,24)(20,26)(23,27)(25,29)(31,32)(17,24)(20,26)(23,27)(25,29)(31,32)(17,24)(20,26)(23,27)(25,29)(21,30)(24,31)(25,32)(27,32)$
$N_{37} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,30)(23,27)(25,29)(23,26)(27,30), (1,5)(2,9)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \\ \cong (C2 \times C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C3 \times C2) : (C3 \times C2) : (C3 \times C2) : (C4 \times$
$N_{38} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(24,31)(25,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(15,26)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(25,31)(27,32)(17,27)(19,29)(21,30)(21,31)$
$N_{39} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,31)(16,25)(17,21)(20,32)(22,29)(23,26)(27,30), (1,2)(3,19)(4,30)(15,21)(17,24)(20,26)(23,27)(25,29)(21,24)(11,27)(20,32)(22,29)(23,26)(27,30), (1,2)(3,19)(4,30)(15,21)(17,24)(20,26)(23,27)(25,29)(21,24)(12,25)(14,26)(17,23)(21,24)(12,25)(14,26)(17,24)(20,26)(23,27)(25,29)(21,24)(12,25)(14,26)(17,24)(20,26)(23,27)(25,29)(23,26)(27,30), (1,2)(2,30)(25,31)(27,32), (1,2)(23,26)(27,30), (1,2)(23,26)(27,2$
$N_{40} = Group([(1,19,6,7)(2,13,10,3)(4,17,15,28)(5,18,16,29)(8,11,21,24)(9,12,22,25)(14,32,26,27)(29,31)(29,32)(1,24)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32)(17,24)(29,22)(21,24)(29,22)(29,22)(29,22)(29,22)(29,22)(29,22)(29,22)(29,22)($
$N_{41} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(15,25)$
$N_{42} = Group([(1,2)(3,19)(4,8)(5,22)(6,10)(7,19)(8,21)(1,24)(1,25)(1$
$N_{43} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(2,7)(4,24)(5,12)(6,13)(4,25)(14,26)(17,24)(2,25)(14,26)(17,24$
$N_{44} = Group([(1,24,6,11)(2,28,10,17)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,22,27)(12,26,25,14)(18,30,29,20), (1,12)(2,18)(3,5)(4,31)(6,25)(7,9)(8,32)(10,29)(11,24)(12,25)(14,26)(17,21)(20,32)(22,29)(23,26)(27,30)]) \\ \cong (C2 \times C2 \times C2) : (C2 \times C2) : (C2 \times C2) : (C3 $
$N_{45} = Group([(1,24,6,11)(2,28,10,17)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,2,27)(12,26,25,14)(18,30,29,20), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(21,32)($
$N_{46} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(2,2)(11,24)(12,25)(14,26)(17,24)(20,26)(23,27)(25,29)(21,30)(24,31)(25,32)(20,31)(17,24)(20,26)(23,27)(25,29)(21,30)(24,31)(25,32)(20,31)(17,24)(20,26)(23,27)(25,29)(21,30)(24,31)(25,32)(20,31)(27,32)(21,20)(23,27)(25,29)(23,27)(25,29)(25,29)$
$N_{46} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(2,7)(4,24)(5,12)(6,13)(2,32)(2,29)(23,26)(27,30), (1,2)(3,12)(4,14)(6,16)(7,12)(23,22)(11,24)(12,25)(14,26)(17,24)(23,23)(23,27)(25,29)(23,26)(27,30), (1,2)(3,12)(4,14)(6,16)(7,12)(13,23)(13,24)(14,22)(16,20)(13,23)(13,24)(16,25)(13,24)(13,24)(16,25$
$N_{46} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(11,15)(14,31)(16,25)(17,24)(20,26)(23,27)(25,29)(23,26)(27,30), (1,8)(2,4)(3,28)(5,30)(6,21)(7,24)(9,26)(10,15)(11,19)(12,27)(13,17)(14,22)(16,20)(13,28)(13,24)(16,25)(17,24)(19,26)(13,12)(13,12)(14,24)(16,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,19)(4,8)(5,22)(6,10)(7,13)(9,16)(11,28)(12,32)(13,24)(16,26)(13,28)(13,24)(16,26)$
$N_{46} = Group[[[1,3](2,7)(4,24)(5,12)(6,3)(2,3)(2,3)(2,3)(1,3)(2,3)(2,3)(2,3)(2,3)(2,3)(2,3)(2,3)(2$
$N_{46} = Group([(1,3)(2,7)(4,24)(5,12)(6,23)(2,2)(1,24)(1,23)(1,23)(2,2)(2,2)(2,2)(2,2)(2,2)(2,2)(2,2)($
$N_{46} = Group([(1,3)(2,7)(4,24)(5,12)(6,13)(2,7)(4,24)(5,12)(6,13)(2,2)(1,23)(1,2)(1,23)(1,2)(1,23)$
$N_{16} = Grovp([1,3)(2,7)(4,24)(5,12)(6,13)(8,28)(9,18)(10,19)(1,1,5)(14,24)(16,25)(17,24)(29,26)(23,27)(25,29)(23,26)(27,30)(1,18)(2,19)(2,13$
$N_{13} = Group[(1, 4)(2, 1)(2, 1)(2, 1)(2, 1)(2, 1)(2, 1)(2, 2)(1, 2, 2)(1, 2, 2)($
$N_{16} = Grow p([1, 4], 2(1, 2), (1,$
$N_{N_{7}} = Group([1,3](2,7](4,24)(5,12)(6,12)$
$N_{16} = Grow p([1, 4], 2(1, 2), (1,$
$N_{N_{7}} = Group([1,3](2,7](4,24)(5,12)(6,12)$
$\begin{aligned} & F_G crosof[1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,$
$N_{R} = Group([1,3](2,7)(4,2)(5,2)(3,1)(2,3)(2,2)(1,2)(2,3)(3,2)(1,2)(2,3)(2,3)(2,2)(2,3)(2,3)(1,2)(2,3)(3,2)(1,2)(2,3)(3,2)(1,3)(1,2)(1,3)(1,2)(1,2)(3,3)(1,3)(1,3)(1,3)(1,5)(1,6)(1,7)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2$
$\begin{split} N_R &= Group([1,3](2,7); 24)(5,12)(6,12)(1,12)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2)$
$\begin{split} N_{ab} &= Crosg[[1], 3(2,7), [4,4](6,19)[6,13](6,29)(6,19)(1,19)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2)(1,2$
$N_R = Group(1, [3], [2], [4], [4], [5], [1], [5], [1], [2], [3], [2], [4], [4], [4], [3], [1], [5], [1], [2], [3], [3], [4], [4], [4], [3], [1], [4], [4], [4], [3], [4], [4], [4], [4], [3], [4], [4], [4], [4], [4], [4], [4], [4$
$N_n = consigl(1, 3)(2, 7)(1, 2)(3, 1)(3, 1)(3, 1)(3, 1)(3, 1)(3, 1)(3, 1)(3, 1)(3, 2)(3,$
$N_{n} = Comog[(1,1)(2,1,2,1)(3,1,1)(3,1,1)(3,1,1)(1,1)(1,1)(1,1)($
$N_{n} = Comog[(1,1)(2,1,2,1)(3,1,1)(3,1,1)(3,1,1)(1,1)(1,1)(1,1)($
$N_{R} = Coolsign [1, 30] = 7.06, 2.07, (3.10), (3.10$
$N_0 = Consigned (1) - 1/4 + $

- Greeged 1.4.2, 1.4.2 1.4.2 1.4.2 1.4.2 1.4.3 1.4.3 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.4
R—
- Greeged 1.4.2, 1.4.2 1.4.2 1.4.2 1.4.2 1.4.3 1.4.3 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.3 1.4.4 1.4.4 1.4.3 1.4.4

 $N_{73} = Group([1, 2)(3, 19)(4, 8)(5, 2)(2)(1, 10)(1, 2)(3, 19)(4, 8)(2, 2)(2, 1)(1, 2)(3, 19)(4, 19)(4, 19)(1, 2)(1, 2)(4, 2)(1, 2)(4, 2)(1, 2)(2, 19)(3, 2)(4, 2)(1, 2)(3, 19)(4, 19)(1, 2)$