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

	1 <i>a</i>	4a	4b	4c	2a	2b	4d	4e	4f	4g	4h	2c	4i	4j
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	-1	-1	1	1	1	1	1	-1	-1	1	-1	1
χ_3	1	-1	-1	1	1	1	1	-1	-1	-1	1	1	1	-1
χ_4	1	-1	1	-1	1	1	-1	1	-1	1	-1	1	1	-1
χ_5	1	-1	1	1	1	1	-1	-1	1	1	1	1	-1	1
χ_6	1	1	-1	-1	1	1	-1	-1	1	-1	-1	1	1	1
χ_7	1	1	-1	1	1	1	-1	1	-1	-1	1	1	-1	-1
χ_8	1	1	1	-1	1	1	1	-1	-1	1	-1	1	-1	-1
χ_9	2	0	0	0	-2	-2	0	0	-2	0	0	2	0	2
χ_{10}	2	0	0	0	-2	-2	0	0	2	0	0	2	0	-2
χ_{11}	2	0	-2 * E(4)	0	2	-2	0	0	0	2 * E(4)	0	-2	0	0
χ_{12}	2	0	2 * E(4)	0	2	-2	0	0	0	-2 * E(4)	0	-2	0	0
χ_{13}	2	0	0	-2 * E(4)	-2	2	0	0	0	0	2 * E(4)	-2	0	0
χ_{14}	2	0	0	2 * E(4)	-2	2	0	0	0	0	-2 * E(4)	-2	0	0

Trivial source character table of $G \cong (C2 \times C2)$ (C2 x C2 x C2) at n=2

Trivial source character table of $G \cong (C2 \times C2)$. $(C2 \times C2 \times C2)$ at $p = 2$:																												
Normalisers N_i	N_1	$N_2 \mid I$	$V_3 \mid I$	$V_4 \mid I$	$N_5 \mid I$	N_6	N_7	N_8	N_9	N_{10}	N_{11}	N_{12}	N_{13}	N_{14}	N_{15}	N_{16}	N_{17}	N_{18}	N_{19}	N_{20}	N_{21}	N_{22}	N_{23}	N_{24}	N_{25}	N_{26}	N_{27}	N_{28}
p-subgroups of G up to conjugacy in G	P_1	$P_2 \mid I$	$P_3 \mid I$	$P_4 \mid I$	$P_5 \mid I$	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_{13}	P_{14}	P_{15}	P_{16}	P_{17}	P_{18}	P_{19}	P_{20}	P_{21}	P_{22}	P_{23}	P_{24}	P_{25}	P_{26}	P_{27}	P_{28}
Representatives $n_j \in N_i$	1a	$1a \mid 1$	$1a \mid 1$	$1a \mid 1$	$1a \mid 1$	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1 <i>a</i>	1a	1 <i>a</i>	1 <i>a</i>	1a	1a	1 <i>a</i>	1a	1a	1a	1a	1a
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 2 \cdot \chi_{13} + 2 \cdot \chi_{14}}$	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
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 2 \cdot \chi_{14}}$	16	0 [16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	16	0	0 1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	0	8 (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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	0	8 (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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$	8	0	8 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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	0	0 !	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	0	0 !	8	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	0	0	0	0	4	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4	4	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	0	0	2	2	0	0	0	2	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	0	2	0	0	2	0	0	2	2	2	0	0	0	0	2	0	2	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	2	0	0	0	0	2	2	2	2	0	2	0	0	2	0	0	0	2	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	0	2	0	2	0	2	2	0	0	0	2	0	2	0	2	0	0	0	2	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	2	0	0	2	2	0	0	0	0	2	0	0	2	2	0	0	0	0	0	2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	2	2	2	0	0	0	0	0	0	0	0	2	0	2	2	0	0	0	0	0	2	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	2	2	2 '	2	2	0	0	2	0	2	2	2	0	0	2	2	2	0	0	0	0	0	0	0	0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
								-														-						

$P_1 = Group([()]) \cong 1$

- $P_2 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \cong C2(1,23)($
- $P_3 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong \mathbb{C}^2$
- $P_4 = Group([(1,16)(2,22)(3,25)(4,26)(5,6)(7,29)(8,30)(9,10)(11,31)(12,13)(14,15)(17,32)(18,19)(20,21)(23,24)(27,28)]) \cong \mathbb{C}_2$
- $P_6 = Group([(1,32,5,28)(2,24,9,31)(3,8,12,20)(4,7,14,18)(6,27,16,17)(10,11,22,23)(13,21,25,30)(15,19,26,29),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \cong \mathbb{C}_4$
- $P_7 = Group([(1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \cong \mathbb{C}_4$
- $P_{10} = Group([(1,21,6,8)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,30,16,20)(7,24,19,11)(12,28,25,17)(18,31,29,23),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C4$
- $P_{11} = Group([(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28),(1,16)(2,22)(3,25)(4,26)(5,6)(7,29)(8,30)(9,10)(11,31)(12,13)(14,15)(17,32)(18,19)(20,21)(23,24)(27,28)]) \cong C4$ $P_{12} = Group([(1,23,16,24)(2,27,22,28)(3,26,25,4)(5,11,6,31)(7,30,29,8)(9,17,10,32)(12,15,13,14)(18,21,19,20),(1,16)(2,22)(3,25)(4,26)(5,6)(7,29)(8,30)(9,10)(11,31)(12,13)(14,15)(17,32)(18,19)(20,21)(23,24)(27,28)]) \cong C4$
- $P_{13} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,23,28)(13,29,25,19)(17,24,27,31),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \cong C4$

- $P_{17} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(2,9)(21,30)(24,31)(28,32), (1,5)(29,21)(21,22)(21,$
- $P_{18} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(18,29)$
- $P_{20} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,25)(15,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(15,26)(17,27)(19,29)(11,23)(13,25)(17,27)(19,29)(11,23)(13,25)(17,27)(19,29)(11,23)(11,23)(13,25$
- $P_{22} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,9,20)(13,24)(21,24)(12,25)(14,26)(17,24)(12,25)(14,26)(17,24)(12,25)(14,26)(17,24)(19$
- $P_{23} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28), \\ (1,12,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28), \\ (1,12,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(2,17,22,32)(3,17,2$
- $P_{24} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(11,23)(13,25)(13,24)($
- $P_{25} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(14,28)$ $P_{26} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(28,32)(14,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(12,27)$
- $P_{27} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(2,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28), \\ (1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28), \\ (1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(2,32)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(12,25)(12$
- $P_{28} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(13,24)(23,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(13,24)(23,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(13,24)(21,23)(21,$
- $N_1 = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(27,32)] \\ \cong (C_2 \times C_2) \times (C$

 $N_3 = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,32,38)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,24)(14,25)(14,26)(17,28)(14,24)(14,25)(14,26)(17,28)(14,24)(14,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,28$

- $N_2 = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,32,38)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32),(1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,23,28)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20,12,12,12)(11,23)(13,25)(14,26,12,12)(14,24)(12,25)(14,26,12,12)(14,24)(14,25)(14,24)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,$
- $N_4 = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,23)(6,15,16,26)(7,17,18,27)(10,21,23)(13,23,28)(13,29,25,19)(17,24,27,31), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32), \\ (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(7,17,18,27)(10,21,23)(13,24,25,31)(19,28,29,32), \\ (1,5,16,26)(11,24,25,31)(1$ $N_5 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(17,27)(19$
- $N_7 = Group([(1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,32)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,32)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,32)(13,24)(29,32)(13$
- $N_9 = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(20,27,30,32),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(17,28$
- $N_{11} = Group([(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28),(1,25,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,23,28)(13,29,25,19)(17,24,27,31),(1,36,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32)] \\ \simeq (C2 \times C2) \times (C2 \times C2)$ $N_{12} = Group([(1,23,16,24)(2,27,22,28)(3,26,25,4)(5,11,6,31)(7,30,29,8)(9,17,10,32)(12,15,13,14)(18,21,19,20),(1,16)(2,22)(3,25)(4,26)(5,6)(7,29)(8,30)(9,10)(11,31)(12,13)(14,15)(17,32)(18,19)(20,21)(23,24)(27,28),(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,23,28)(13,29,25,19)(17,24,27,31),(1,36,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32)] \\ = (C_{1} \times C_{2} \times$

- $N_{14} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32)]) \\ \cong (C2 \times C2) \times (C2 \times C$
- $N_{15} = Group([(1,21,6,8)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,30,16,20)(7,24,19,11)(12,28,25,17)(18,31,29,23),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(27,32)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(11,24)(12,25)$
- $N_{16} = Group([(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(2,7,22,32)(3,15,25,14)(4,12,26,13)(2,7,22,32)(3,15,25,14)(4,12,26,13)(2,7,22,32)(3,15,25,14)(4,12,26,13)(2,7,22,32)(3,15,25,14)(4,12,26,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(21,30)(27,32)(17,27)(19,29)(17,27$

- $N_{17} = Group([(1,18,6,29)(2,3,10,13)(4,32,15,27)(5,7,16,19)(8,24,21,11)(9,12,25,25)(14,28,26,17)(20,31,30,23),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,11,12,23)(6,15,16,26)(7,17,18,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,31)(29,29)(21,30)(24,31)(28,32),(1,5)(29,31)(29,29)(21,30)(24,31)(29,29)(21,30)(21,3$
- $N_{18} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,20)(13,23)(13,23)(27,32),(1,2,5,9)(3,12,14,20)(17,24,27,31),(1,4,5,14)(2,8,9,20)(13,24,25,31)(19,28,29,32)]) \\ \cong (C2 \times C2) \times (C2 \times C2)$
- $N_{19} = Group([(1,32,5,28)(2,24,9,31)(3,8,12,20)(4,7,14,18)(6,27,16,17)(10,11,22,23)(13,21,25,30)(15,19,26,29),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,25,29)(14,23,26,31)(27,29)(14,23,26,31)(27,29)($ $N_{20} = Group([(1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,22,29)(14,23,26,31)(20,27,30,32)]) \\ \cong (C2 \times C2) \times (C2 \times C2)$
- $N_{21} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,32,32)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(13,24)(21$
- $N_{22} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,28)(12,25)(12,2$ $N_{23} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(12,2$
- $N_{24} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(3,12,14,25)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,5,9)(21,32)(2$ $N_{25} = Group([(1,21,6,8)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,30,16,20)(7,24,19,11)(12,28,25,17)(18,31,29,23),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(17,24)(12,25)(14,20)(17,24)(17,$
- $N_{26} = Group([(1,18,6,29)(2,3,10,13)(4,32,15,27)(5,7,16,19)(8,24,21,11)(9,12,23,25)(14,26,17)(20,31,30,23),(1,4,5,14)(2,8,9,20)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,11,12,23)(6,15,16,26)(7,17,18,27)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26,17)(10,21,22,30)(13,24,25,31)(19,28,29,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(13,29,25,19)(17,24,27,31)] \\ = (C_{2} \times C_{2} \times$
- $N_{27} = Group([(1,21,6,8)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,30,16,20)(7,24,19,11)(12,28,25,17)(18,31,29,23),(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28),(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(5,23,6,24)(7,21,29,20)(8,18,30,19)(9,27,10,28),(1,11,16,31)(2,17,22,32)(3,15,25,14)(4,12,26,13)(4,12,26,13)$ $N_{28} = Group([(1,2,5,9)(3,18,12,7)(4,21,14,30)(6,10,16,22)(8,26,20,15)(11,32,32,32)(13,29,25,19)(17,24,27,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32),(1,5)(29,23)(21,24)(21,$