The group G is isomorphic to the group labelled by [48, 22] in the Small Groups library.
Ordinary character table of $G \cong$ C3 x (C4 : C4):

	1a	4a	4b	3a	2a	2b	4c	12a	4d	12b	4e	3b	6a	6b	2c	12c	4f	12d	12e	12f	12g	6c	6d	6e	12h	12i	12j	12k	6f	12l
χ_{1}	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	1	1	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	1	-1	-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	1	-1	-1	1	1	-1	-1	1	1	1	-1	-1	1	-1	1	-1
χ_{5}	1	-1	-1	$E(3)^2$	1	1	1	$-E(3)^2$	-1	$-E(3)^2$	-1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$E(3)^2$	1	$-E(3)$	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)$	$E(3)$	$E(3)$
χ_{6}	1	-1	-1	$E(3)$	1	1	1	$-E(3)$	-1	$-E(3)$	-1	$E(3)^2$	$E(3)$	$E(3)$	1	$E(3)$	1	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)^2$	$E(3)^2$	$E(3)^2$
χ_{7}	1	-1	1	$E(3)^2$	1	1	-1	$-E(3)^2$	-1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$-E(3)^2$	-1	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$-E(3)$	$E(3)$	$E(3)$	$-E(3)$
χ_{8}	1	-1	1	$E(3)$	1	1	-1	$-E(3)$	-1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)$	1	$-E(3)$	-1	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)^2$	$E(3)^2$	$-E(3)^2$
χ_{9}	1	1	-1	$E(3)^2$	1	1	-1	$E(3)^2$	1	$-E(3)^2$	-1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$-E(3)^2$	-1	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$	$E(3)$	$-E(3)$
χ_{10}	1	1	-1	$E(3)$	1	1	-1	$E(3)$	1	$-E(3)$	-1	$E(3)^2$	$E(3)$	$E(3)$	1	$-E(3)$	-1	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$	$E(3)^2$	$-E(3)^2$
χ_{11}	1	1	1	$E(3)^2$	1	1	1	$E(3)^2$	1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)$	$E(3)$
χ_{12}	1	1	1	$E(3)$	1	1	1	$E(3)$	1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)$	1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)^2$	$E(3)^2$
χ_{13}	1	$-E(4)$	-1	1	1	-1	$E(4)$	$-E(4)$	$E(4)$	-1	1	1	1	-1	-1	$E(4)$	$-E(4)$	$-E(4)$	$E(4)$	-1	1	1	-1	-1	$E(4)$	$-E(4)$	$E(4)$	1	-1	$-E(4)$
χ_{14}	1	$E(4)$	-1	1	1	-1	$-E(4)$	$E(4)$	$-E(4)$	-1	1	1	1	-1	-1	$-E(4)$	$E(4)$	$E(4)$	$-E(4)$	-1	1	1	-1	-1	$-E(4)$	$E(4)$	$-E(4)$	1	-1	$E(4)$
χ_{15}	1	$-E(4)$	-1	$E(3)^2$	1	-1	$E(4)$	$-E(12)^{11}$	$E(4)$	$-E(3)^2$	1	$E(3)$	$E(3)^2$	$-E(3)^2$	-1	$E(12)^{11}$	$-E(4)$	$-E(12)^7$	$E(12)^{11}$	$-E(3)$	$E(3)^2$	$E(3)$	$-E(3)$	$-E(3)^2$	$E(12)^7$	$-E(12)^{11}$	$E(12)^7$	$E(3)$	$-E(3)$	$-E(12)^7$
χ_{16}	1	$-E(4)$	-1	$E(3)$	1	-1	$E(4)$	$-E(12)^7$	$E(4)$	$-E(3)$	1	$E(3)^2$	$E(3)$	$-E(3)$	-1	$E(12)^7$	$-E(4)$	$-E(12)^{11}$	$E(12)^7$	$-E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)^2$	$-E(3)$	$E(12)^{11}$	$-E(12)^7$	$E(12)^{11}$	$E(3)^2$	$-E(3)^2$	$-E(12)^{11}$
χ_{17}	1	$E(4)$	-1	$E(3)^2$	1	-1	$-E(4)$	$E(12)^{11}$	$-E(4)$	$-E(3)^2$	1	$E(3)$	$E(3)^2$	$-E(3)^2$	-1	$-E(12)^{11}$	$E(4)$	$E(12)^7$	$-E(12)^{11}$	$-E(3)$	$E(3)^2$	$E(3)$	$-E(3)$	$-E(3)^2$	$-E(12)^7$	$E(12)^{11}$	$-E(12)^7$	$E(3)$	$-E(3)$	$E(12)^7$
χ_{18}	1	$E(4)$	-1	$E(3)$	1	-1	$-E(4)$	$E(12)^7$	$-E(4)$	$-E(3)$	1	$E(3)^2$	$E(3)$	$-E(3)$	-1	$-E(12)^7$	$E(4)$	$E(12)^{11}$	$-E(12)^7$	$-E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)^2$	$-E(3)$	$-E(12)^{11}$	$E(12)^7$	$-E(12)^{11}$	$E(3)^2$	$-E(3)^2$	$E(12)^{11}$
χ_{19}	1	$-E(4)$	1	1	1	-1	$-E(4)$	$-E(4)$	$E(4)$	1	-1	1	1	-1	-1	$-E(4)$	$E(4)$	$-E(4)$	$E(4)$	1	-1	1	-1	-1	$-E(4)$	$E(4)$	$E(4)$	-1	-1	$E(4)$
χ_{20}	1	$E(4)$	1	1	1	-1	$E(4)$	$E(4)$	$-E(4)$	1	-1	1	1	-1	-1	$E(4)$	$-E(4)$	$E(4)$	$-E(4)$	1	-1	1	-1	-1	$E(4)$	$-E(4)$	$-E(4)$	-1	-1	$-E(4)$
χ_{21}	1	$-E(4)$	1	$E(3)^2$	1	-1	$-E(4)$	$-E(12)^{11}$	$E(4)$	$E(3)^2$	-1	$E(3)$	$E(3)^2$	$-E(3)^2$	-1	$-E(12)^{11}$	$E(4)$	$-E(12)^7$	$E(12)^{11}$	$E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$	$-E(3)^2$	$-E(12)^7$	$E(12)^{11}$	$E(12)^7$	$-E(3)$	$-E(3)$	$E(12)^7$
χ_{22}	1	$-E(4)$	1	$E(3)$	1	-1	$-E(4)$	$-E(12)^7$	$E(4)$	$E(3)$	-1	$E(3)^2$	$E(3)$	$-E(3)$	-1	$-E(12)^7$	$E(4)$	$-E(12)^{11}$	$E(12)^7$	$E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$	$-E(3)$	$-E(12)^{11}$	$E(12)^7$	$E(12)^{11}$	$-E(3)^2$	$-E(3)^2$	$E(12)^{11}$
χ_{23}	1	$E(4)$	1	$E(3)^2$	1	-1	$E(4)$	$E(12)^{11}$	$-E(4)$	$E(3)^2$	-1	$E(3)$	$E(3)^2$	$-E(3)^2$	-1	$E(12)^{11}$	$-E(4)$	$E(12)^7$	$-E(12)^{11}$	$E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$	$-E(3)^2$	$E(12)^7$	$-E(12)^{11}$	$-E(12)^7$	$-E(3)$	$-E(3)$	$-E(12)^7$
χ_{24}	1	$E(4)$	1	$E(3)$	1	-1	$E(4)$	$E(12)^7$	$-E(4)$	$E(3)$	-1	$E(3)^2$	$E(3)$	$-E(3)$	-1	$E(12)^7$	$-E(4)$	$E(12)^{11}$	$-E(12)^7$	$E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$	$-E(3)$	$E(12)^{11}$	$-E(12)^7$	$-E(12)^{11}$	$-E(3)^2$	$-E(3)^2$	$-E(12)^{11}$
χ_{25}	2	0	0	2	-2	-2	0	0	0	0	0	2	-2	-2	2	0	0	0	0	0	0	-2	-2	2	0	0	0	0	2	0
χ_{26}	2	0	0	2	-2	2	0	0	0	0	0	2	-2	2	-2	0	0	0	0	0	0	-2	2	-2	0	0	0	0	-2	0
χ_{27}	2	0	0	$2*E(3)$	-2	2	0	0	0	0	0	$2*E(3)^2$	$-2*E(3)$	$2*E(3)$	-2	0	0	0	0	0	0	$-2*E(3)^2$	$2*E(3)^2$	$-2*E(3)$	0	0	0	0	$-2*E(3)^2$	0
χ_{28}	2	0	0	$2*E(3)^2$	-2	2	0	0	0	0	0	$2*E(3)$	$-2*E(3)^2$	$2*E(3)^2$	-2	0	0	0	0	0	0	$-2*E(3)$	$2*E(3)$	$-2*E(3)^2$	0	0	0	0	$-2*E(3)$	0
χ_{29}	2	0	0	$2*E(3)^2$	-2	-2	0	0	0	0	0	$2*E(3)$	$-2*E(3)^2$	$-2*E(3)^2$	2	0	0	0	0	0	0	$-2*E(3)$	$-2*E(3)$	$2*E(3)^2$	0	0	0	0	$2*E(3)$	0
χ_{30}	2	0	0	$2*E(3)$	-2	-2	0	0	0	0	0	$2*E(3)^2$	$-2*E(3)$	$-2*E(3)$	2	0	0	0	0	0	0	$-2*E(3)^2$	$-2*E(3)^2$	$2*E(3)$	0	0	0	0	$2*E(3)^2$	0

Trivial source character table of $G \cong$ C3 x (C4 : C4) at $p = 2$:

Normalisers N_i	N_1			N_2			N_3			N_4			N_5			N_6			N_7			N_8			N_9			N_{10}			N_{11}			N_{12}			N_{13}		
p-subgroups of G up to conjugacy in G	P_1			P_2			P_3			P_4			P_5			P_6			P_7			P_8			P_9			P_{10}			P_{11}			P_{12}			P_{13}		
Representatives $n_j \in N_i$	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+2\cdot\chi_{25}+2\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	16	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	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+2\cdot\chi_{28}+2\cdot\chi_{29}+0\cdot\chi_{30}$	16	$16*E(3)^2$	$16*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+2\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+2\cdot\chi_{30}$	16	$16*E(3)$	$16*E(3)^2$	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
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+2\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	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	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+2\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)^2$	$8*E(3)$	8	$8*E(3)^2$	$8*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+2\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)$	$8*E(3)^2$	8	$8*E(3)$	$8*E(3)^2$	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
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	8	8	0	0	0	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	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)$	$8*E(3)^2$	0	0	0	8	$8*E(3)$	$8*E(3)^2$	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)^2$	$8*E(3)$	0	0	0	8	$8*E(3)^2$	$8*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+2\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	8	8	0	0	0	0	0	0	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	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+2\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)^2$	$8*E(3)$	0	0	0	0	0	0	8	$8*E(3)^2$	$8*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+2\cdot\chi_{30}$	8	$8*E(3)$	$8*E(3)^2$	0	0	0	0	0	0	8	$8*E(3)$	$8*E(3)^2$	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
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	0	0	0	4	4	4	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+1\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+1\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+1\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+1\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+1\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+1\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+1\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0
$1\cdot\chi_{1}+1\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	2	2	2	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$

$P_{1} = Group([()]) \cong 1$
$P_{2} = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C2
$P_{3} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong$ C2
$P_{4} = Group([(1,17)(2,24)(3,28)(4,31)(5,6)(7,35)(8,38)(9,10)(11,41)(12,13)(14,42)(15,16)(18,45)(19,20)(21,46)(22,23)(25,47)(26,27)(29,30)(32,48)(33,34)(36,37)(39,40)(43,44)]) \cong$ C2
$P_{5} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C2 x C2
$P_{6} = Group([(1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong$ C4
$P_{7} = Group([(1,13,5,28)(2,20,9,35)(3,17,12,6)(4,27,15,41)(7,24,19,10)(8,34,22,45)(11,31,26,16)(14,40,29,47)(18,38,33,23)(21,44,36,48)(25,42,39,30)(32,46,43,37), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong$ C4
$P_{8} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C4
$P_{9} = Group([(1,19,6,35)(2,28,10,12)(3,9,13,24)(4,33,16,45)(5,7,17,20)(8,41,23,26)(11,22,27,38)(14,43,30,48)(15,18,31,34)(21,47,37,39)(25,36,40,46)(29,32,42,44), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C4
$P_{10} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48)]) \cong$ C4 x C2
$P_{11} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39)]) \cong$ C4 x C2
$P_{12} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,19,6,35)(2,28,10,12)(3,9,13,24)(4,33,16,45)(5,7,17,20)(8,41,23,26)(11,22,27,38)(14,43,30,48)(15,18,31,34)(21,47,37,39)(25,36,40,46)(29,32,42,44)]) \cong$ C4 x C2
$P_{13} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39)]) \cong$ C4 : C4

$N_{1} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C4 : C4)
$N_{2} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C4 : C4)
$N_{3} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C4 : C4)
$N_{4} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C4 : C4)
$N_{5} = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{6} = Group([(1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{7} = Group([(1,13,5,28)(2,20,9,35)(3,17,12,6)(4,27,15,41)(7,24,19,10)(8,34,22,45)(11,31,26,16)(14,40,29,47)(18,38,33,23)(21,44,36,48)(25,42,39,30)(32,46,43,37), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{8} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong$ C12 x C2
$N_{9} = Group([(1,19,6,35)(2,28,10,12)(3,9,13,24)(4,33,16,45)(5,7,17,20)(8,41,23,26)(11,22,27,38)(14,43,30,48)(15,18,31,34)(21,47,37,39)(25,36,40,46)(29,32,42,44), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong$ C12 x C2
$N_{10} = Group([(1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{11} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{12} = Group([(1,19,6,35)(2,28,10,12)(3,9,13,24)(4,33,16,45)(5,7,17,20)(8,41,23,26)(11,22,27,38)(14,43,30,48)(15,18,31,34)(21,47,37,39)(25,36,40,46)(29,32,42,44), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)
$N_{13} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,3,5,12)(2,7,9,19)(4,11,15,26)(6,13,17,28)(8,18,22,33)(10,20,24,35)(14,25,29,39)(16,27,31,41)(21,32,36,43)(23,34,38,45)(30,40,42,47)(37,44,46,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C4 : C4)