The group G is isomorphic to the group labelled by [72, 17] in the Small Groups library.
Ordinary character table of $G \cong$ C2 x C2 x D18:

	$1a$	$2a$	$9a$	$3a$	$9b$	$9c$	$2b$	$2c$	$18a$	$6a$	$18b$	$18c$	$2d$	$2e$	$18d$	$6b$	$18e$	$18f$	$2f$	$2g$	$18g$	$6c$	$18h$	$18i$
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
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
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
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
χ_5	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_6	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_7	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_8	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_9	2	0	−1	2	−1	−1	2	0	−1	2	−1	−1	2	0	−1	2	−1	−1	2	0	−1	2	−1	−1
χ_{10}	2	0	−1	2	−1	−1	2	0	−1	2	−1	−1	−2	0	1	−2	1	1	−2	0	1	−2	1	1
χ_{11}	2	0	−1	2	−1	−1	−2	0	1	−2	1	1	2	0	−1	2	−1	−1	−2	0	1	−2	1	1
χ_{12}	2	0	−1	2	−1	−1	−2	0	1	−2	1	1	−2	0	1	−2	1	1	2	0	−1	2	−1	−1
χ_{13}	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$
χ_{14}	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$
χ_{15}	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$
χ_{16}	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$
χ_{17}	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$
χ_{18}	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$
χ_{19}	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$
χ_{20}	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$
χ_{21}	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$
χ_{22}	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	−2	0	$-E(9)^2-E(9)^7$	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	2	0	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$
χ_{23}	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	−2	0	$-E(9)^4-E(9)^5$	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	2	0	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$
χ_{24}	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	−2	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	2	0	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$

Trivial source character table of $G \cong$ C2 x C2 x D18 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}	N_{14}	N_{15}	N_{16}
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}	P_{14}	P_{15}	P_{16}
Representatives $n_j \in N_i$	$1a$	$9a$	$3a$	$9b$	$9c$	$1a$	$9c$	$3a$	$9a$	$9b$	$1a$	$9c$	$3a$	$9a$	$9b$	$1a$	$9c$	$3a$	$9a$	$9b$	$1a$	$1a$	$1a$	$1a$	$1a$	$1a$	$1a$	$1a$	$9c$	$3a$	$9a$	$9b$	$1a$	$1a$	$1a$	$1a$
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	8	−4	8	−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	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}$	8	$-4*E(9)^2-4*E(9)^4-4*E(9)^5-4*E(9)^7$	−4	$4*E(9)^2+4*E(9)^7$	$4*E(9)^4+4*E(9)^5$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}$	8	$4*E(9)^4+4*E(9)^5$	−4	$-4*E(9)^2-4*E(9)^4-4*E(9)^5-4*E(9)^7$	$4*E(9)^2+4*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	8	$4*E(9)^2+4*E(9)^7$	−4	$4*E(9)^4+4*E(9)^5$	$-4*E(9)^2-4*E(9)^4-4*E(9)^5-4*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	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	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	−2	4	−2	−2	4	−2	4	−2	−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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	0	0	0	0	0	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	−2	4	−2	−2	0	0	0	0	0	4	−2	4	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	0	0	0	0	0	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	0	0	0	0	0	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	0	0	0	0	0	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	−2	4	−2	−2	0	0	0	0	0	0	0	0	0	0	4	−2	4	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}$	4	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	−2	$2*E(9)^2+2*E(9)^7$	$2*E(9)^4+2*E(9)^5$	0	0	0	0	0	0	0	0	0	0	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}$	4	$2*E(9)^4+2*E(9)^5$	−2	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	$2*E(9)^2+2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	4	$2*E(9)^2+2*E(9)^7$	−2	$2*E(9)^4+2*E(9)^5$	$-2*E(9)^2-2*E(9)^4-2*E(9)^5-2*E(9)^7$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	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
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	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
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	4	4	4	4	4	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	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	0	2	2	2	2	2	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	−1	2	−1	−1	2	−1	2	−1	−1	2	−1	2	−1	−1	2	−1	2	−1	−1	0	0	0	0	0	0	0	2	−1	2	−1	−1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	0	0	0	0	0	0	0	2	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	2	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	0	0	0	0	0	0	0	2	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	−1	$E(9)^2+E(9)^7$	$E(9)^4+E(9)^5$	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	$E(9)^4+E(9)^5$	−1	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	$E(9)^2+E(9)^7$	2	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	2	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	0	0	0	0	0	0	0	2	$E(9)^2+E(9)^7$	−1	$E(9)^4+E(9)^5$	$-E(9)^2-E(9)^4-E(9)^5-E(9)^7$	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(3,4)]) \cong \text{C2}$
$P_3 = Group([(1,2)]) \cong \text{C2}$
$P_4 = Group([(1,2)(3,4)]) \cong \text{C2}$
$P_5 = Group([(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2}$
$P_6 = Group([(3,4)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2}$
$P_7 = Group([(1,2)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2}$
$P_8 = Group([(1,2)(3,4)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2}$
$P_9 = Group([(1,2),(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{10} = Group([(3,4),(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{11} = Group([(1,2)(3,4),(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{12} = Group([(3,4),(1,2)]) \cong \text{C2 x C2}$
$P_{13} = Group([(1,2),(3,4)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{14} = Group([(3,4),(1,2)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{15} = Group([(1,2)(3,4),(3,4)(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2}$
$P_{16} = Group([(3,4),(1,2),(6,11)(7,10)(8,9)(12,13)]) \cong \text{C2 x C2 x C2}$

$N_1 = Group([(6,11)(7,10)(8,9)(12,13),(1,2),(3,4),(5,6,8,10,12,13,7,9,11),(5,7,10)(6,9,12)(8,11,13)]) \cong \text{C2 x C2 x D18}$
$N_2 = Group([(6,11)(7,10)(8,9)(12,13),(1,2),(3,4),(5,6,8,10,12,13,7,9,11),(5,7,10)(6,9,12)(8,11,13)]) \cong \text{C2 x C2 x D18}$
$N_3 = Group([(6,11)(7,10)(8,9)(12,13),(1,2),(3,4),(5,6,8,10,12,13,7,9,11),(5,7,10)(6,9,12)(8,11,13)]) \cong \text{C2 x C2 x D18}$
$N_4 = Group([(6,11)(7,10)(8,9)(12,13),(1,2),(3,4),(5,6,8,10,12,13,7,9,11),(5,7,10)(6,9,12)(8,11,13)]) \cong \text{C2 x C2 x D18}$
$N_5 = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_6 = Group([(3,4)(6,11)(7,10)(8,9)(12,13),(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_7 = Group([(1,2)(6,11)(7,10)(8,9)(12,13),(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_8 = Group([(1,2)(3,4)(6,11)(7,10)(8,9)(12,13),(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_9 = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{10} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{11} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{12} = Group([(6,11)(7,10)(8,9)(12,13),(1,2),(3,4),(5,6,8,10,12,13,7,9,11),(5,7,10)(6,9,12)(8,11,13)]) \cong \text{C2 x C2 x D18}$
$N_{13} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{14} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{15} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$
$N_{16} = Group([(6,11)(7,10)(8,9)(12,13),(3,4),(1,2)]) \cong \text{C2 x C2 x C2}$