The group G is isomorphic to the group labelled by [72, 35] in the Small Groups library.
Ordinary character table of $G \cong$ (C6 x C6) : C2:

	$1a$	$2a$	$2b$	$3a$	$6a$	$6b$	$6c$	$2c$	$4a$	$3b$	$6d$	$6e$	$6f$	$3c$	$6g$	$6h$	$6i$	$3d$	$6j$	$6k$	$6l$
χ_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
χ_3	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
χ_5	2	−2	2	2	−2	2	−2	0	0	−1	1	−1	1	−1	1	−1	1	−1	1	−1	1
χ_6	2	2	2	2	2	2	2	0	0	−1	−1	−1	−1	−1	−1	−1	−1	−1	−1	−1	−1
χ_7	2	0	−2	2	0	−2	0	0	0	2	0	−2	0	2	0	−2	0	2	0	−2	0
χ_8	2	−2	2	−1	1	−1	1	0	0	2	−2	2	−2	−1	1	−1	1	−1	1	−1	1
χ_9	2	2	2	−1	−1	−1	−1	0	0	2	2	2	2	−1	−1	−1	−1	−1	−1	−1	−1
χ_{10}	2	−2	2	−1	1	−1	1	0	0	−1	1	−1	1	−1	1	−1	1	2	−2	2	−2
χ_{11}	2	−2	2	−1	1	−1	1	0	0	−1	1	−1	1	2	−2	2	−2	−1	1	−1	1
χ_{12}	2	2	2	−1	−1	−1	−1	0	0	−1	−1	−1	−1	−1	−1	−1	−1	2	2	2	2
χ_{13}	2	2	2	−1	−1	−1	−1	0	0	−1	−1	−1	−1	2	2	2	2	−1	−1	−1	−1
χ_{14}	2	0	−2	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	0	0	2	0	−2	0	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$
χ_{15}	2	0	−2	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	0	0	2	0	−2	0	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$
χ_{16}	2	0	−2	2	0	−2	0	0	0	−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	$E(3)-E(3)^2$
χ_{17}	2	0	−2	2	0	−2	0	0	0	−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	$-E(3)+E(3)^2$
χ_{18}	2	0	−2	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	0	0	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	2	0	−2	0
χ_{19}	2	0	−2	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	0	0	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	2	0	−2	0
χ_{20}	2	0	−2	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	0	0	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	2	0	−2	0	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$
χ_{21}	2	0	−2	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$	0	0	−1	$-E(3)+E(3)^2$	1	$E(3)-E(3)^2$	2	0	−2	0	−1	$E(3)-E(3)^2$	1	$-E(3)+E(3)^2$

Trivial source character table of $G \cong$ (C6 x C6) : C2 at $p = 3$:

Normalisers N_i	N_1					N_2					N_3					N_4					N_5					N_6				
3-subgroups of G up to conjugacy in G	P_1					P_2					P_3					P_4					P_5					P_6				
Representatives $n_j \in N_i$	$1a$	$2a$	$2b$	$2c$	$4a$	$1a$	$2a$	$2b$	$2c$	$4a$	$1a$	$2a$	$2b$	$2c$	$4a$	$1a$	$2a$	$2b$	$2c$	$4a$	$1a$	$2a$	$2b$	$2c$	$4a$	$1a$	$2a$	$2b$	$2c$	$4a$
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	9	−9	9	1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	9	−9	9	−1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	9	9	9	−1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	9	9	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+1\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+1\cdot\chi_{21}$	18	0	−18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	6	0	−6	0	0	6	0	−6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	−1	1	3	−3	3	−1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	1	−1	3	−3	3	1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	1	1	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	−1	−1	3	3	3	−1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	6	0	−6	0	0	0	0	0	0	0	6	0	−6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	−1	1	0	0	0	0	0	3	−3	3	−1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	1	−1	0	0	0	0	0	3	−3	3	1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	1	1	0	0	0	0	0	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	−1	−1	0	0	0	0	0	3	3	3	−1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+1\cdot\chi_{20}+1\cdot\chi_{21}$	6	0	−6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	−6	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	−1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	−3	3	−1	1	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	−3	3	1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	−3	3	1	−1	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	1	1	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	3	3	3	−1	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	−1	−1	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	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
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	0	−2	0	0	2	0	−2	0	0	2	0	−2	0	0	2	0	−2	0	0	2	0	−2	0	0	2	0	−2	0	0

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(4,6,5)]) \cong$ C3
$P_3 = Group([(1,2,3)]) \cong$ C3
$P_4 = Group([(1,2,3)(4,6,5)]) \cong$ C3
$P_5 = Group([(1,3,2)(4,6,5)]) \cong$ C3
$P_6 = Group([(4,6,5),(1,2,3)]) \cong$ C3 x C3

$N_1 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2
$N_2 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2
$N_3 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2
$N_4 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2
$N_5 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2
$N_6 = Group([(2,3)(5,6)(8,10),(7,8)(9,10),(7,9)(8,10),(1,3,2),(1,2,3)(4,5,6)]) \cong$ (C6 x C6) : C2