The group G is isomorphic to the group labelled by [60, 11] in the Small Groups library.
Ordinary character table of $G \cong$ C10 x S3:

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

Trivial source character table of $G \cong$ C10 x S3 at $p = 2$:

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

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60)]) \cong$ C2
$P_3 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59)]) \cong$ C2
$P_4 = Group([(1,6)(2,3)(4,14)(5,27)(7,9)(8,21)(10,18)(11,25)(12,39)(13,15)(16,19)(17,33)(20,30)(22,37)(23,50)(24,26)(28,31)(29,45)(32,42)(34,48)(35,57)(36,38)(40,43)(41,54)(44,52)(46,60)(47,49)(51,59)(53,58)(55,56)]) \cong$ C2
$P_5 = Group([(1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59)]) \cong$ C2 x C2

$N_1 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,4,11,22,34)(2,7,16,28,40)(3,9,19,31,43)(5,12,23,35,46)(6,14,25,37,48)(8,17,29,41,51)(10,20,32,44,53)(13,24,36,47,55)(15,26,38,49,56)(18,30,42,52,58)(21,33,45,54,59)(27,39,50,57,60), (1,5,13)(2,8,18)(3,10,21)(4,12,24)(6,15,27)(7,17,30)(9,20,33)(11,23,36)(14,26,39)(16,29,42)(19,32,45)(22,35,47)(25,38,50)(28,41,52)(31,44,54)(34,46,55)(37,49,57)(40,51,58)(43,53,59)(48,56,60)]) \cong$ C10 x S3
$N_2 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,4,11,22,34)(2,7,16,28,40)(3,9,19,31,43)(5,12,23,35,46)(6,14,25,37,48)(8,17,29,41,51)(10,20,32,44,53)(13,24,36,47,55)(15,26,38,49,56)(18,30,42,52,58)(21,33,45,54,59)(27,39,50,57,60), (1,5,13)(2,8,18)(3,10,21)(4,12,24)(6,15,27)(7,17,30)(9,20,33)(11,23,36)(14,26,39)(16,29,42)(19,32,45)(22,35,47)(25,38,50)(28,41,52)(31,44,54)(34,46,55)(37,49,57)(40,51,58)(43,53,59)(48,56,60)]) \cong$ C10 x S3
$N_3 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,4,11,22,34)(2,7,16,28,40)(3,9,19,31,43)(5,12,23,35,46)(6,14,25,37,48)(8,17,29,41,51)(10,20,32,44,53)(13,24,36,47,55)(15,26,38,49,56)(18,30,42,52,58)(21,33,45,54,59)(27,39,50,57,60)]) \cong$ C10 x C2
$N_4 = Group([(1,6)(2,3)(4,14)(5,27)(7,9)(8,21)(10,18)(11,25)(12,39)(13,15)(16,19)(17,33)(20,30)(22,37)(23,50)(24,26)(28,31)(29,45)(32,42)(34,48)(35,57)(36,38)(40,43)(41,54)(44,52)(46,60)(47,49)(51,59)(53,58)(55,56), (1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,4,11,22,34)(2,7,16,28,40)(3,9,19,31,43)(5,12,23,35,46)(6,14,25,37,48)(8,17,29,41,51)(10,20,32,44,53)(13,24,36,47,55)(15,26,38,49,56)(18,30,42,52,58)(21,33,45,54,59)(27,39,50,57,60)]) \cong$ C10 x C2
$N_5 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,27)(11,16)(12,30)(15,21)(17,24)(19,25)(20,39)(22,28)(23,42)(26,33)(29,36)(31,37)(32,50)(34,40)(35,52)(38,45)(41,47)(43,48)(44,57)(46,58)(49,54)(51,55)(53,60)(56,59), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60), (1,4,11,22,34)(2,7,16,28,40)(3,9,19,31,43)(5,12,23,35,46)(6,14,25,37,48)(8,17,29,41,51)(10,20,32,44,53)(13,24,36,47,55)(15,26,38,49,56)(18,30,42,52,58)(21,33,45,54,59)(27,39,50,57,60)]) \cong$ C10 x C2