The group G is isomorphic to the group labelled by [78, 5] in the Small Groups library.
Ordinary character table of $G \cong$ D78:

	$1a$	$2a$	$3a$	$13a$	$39a$	$13b$	$39b$	$39c$	$13c$	$39d$	$39e$	$13d$	$39f$	$39g$	$13e$	$39h$	$39i$	$13f$	$39j$	$39k$	$39l$
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}	2	0	-1	2	-1	2	-1	-1	2	-1	-1	2	-1	-1	2	-1	-1	2	-1	-1	-1
χ_{4}	2	0	2	$E(13)^{3}+E(13)^{10}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{5}+E(13)^{8}$
χ_{5}	2	0	2	$E(13)^{4}+E(13)^{9}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{2}+E(13)^{11}$
χ_{6}	2	0	2	$E(13)^{2}+E(13)^{11}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$
χ_{7}	2	0	2	$E(13)^{5}+E(13)^{8}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{4}+E(13)^{9}$
χ_{8}	2	0	2	$E(13)^{6}+E(13)^{7}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{3}+E(13)^{10}$
χ_{9}	2	0	2	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{6}+E(13)^{7}$
χ_{10}	2	0	-1	$E(13)^{6}+E(13)^{7}$	$E(39)^{8}+E(39)^{31}$	$E(13)+E(13)^{12}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{3}+E(13)^{10}$	$E(39)+E(39)^{38}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{17}+E(39)^{22}$
χ_{11}	2	0	-1	$E(13)^{6}+E(13)^{7}$	$E(39)^{5}+E(39)^{34}$	$E(13)+E(13)^{12}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{7}+E(39)^{32}$	$E(39)+E(39)^{38}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{4}+E(39)^{35}$
χ_{12}	2	0	-1	$E(13)^{5}+E(13)^{8}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{5}+E(39)^{34}$	$E(13)+E(13)^{12}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{14}+E(39)^{25}$	$E(39)+E(39)^{38}$
χ_{13}	2	0	-1	$E(13)^{5}+E(13)^{8}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{8}+E(39)^{31}$	$E(13)+E(13)^{12}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{10}+E(39)^{29}$	$E(39)+E(39)^{38}$	$E(39)^{14}+E(39)^{25}$
χ_{14}	2	0	-1	$E(13)^{4}+E(13)^{9}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{5}+E(13)^{8}$	$E(39)+E(39)^{38}$	$E(39)^{2}+E(39)^{37}$	$E(13)+E(13)^{12}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{19}+E(39)^{20}$
χ_{15}	2	0	-1	$E(13)^{4}+E(13)^{9}$	$E(39)+E(39)^{38}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{11}+E(39)^{28}$	$E(13)+E(13)^{12}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{7}+E(39)^{32}$
χ_{16}	2	0	-1	$E(13)^{3}+E(13)^{10}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{5}+E(39)^{34}$	$E(39)+E(39)^{38}$	$E(13)+E(13)^{12}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{2}+E(39)^{37}$
χ_{17}	2	0	-1	$E(13)^{3}+E(13)^{10}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{14}+E(39)^{25}$	$E(13)+E(13)^{12}$	$E(39)+E(39)^{38}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{11}+E(39)^{28}$
χ_{18}	2	0	-1	$E(13)^{2}+E(13)^{11}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{6}+E(13)^{7}$	$E(39)+E(39)^{38}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{4}+E(39)^{35}$	$E(13)+E(13)^{12}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{16}+E(39)^{23}$
χ_{19}	2	0	-1	$E(13)^{2}+E(13)^{11}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{19}+E(39)^{20}$	$E(39)+E(39)^{38}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{17}+E(39)^{22}$	$E(13)+E(13)^{12}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{10}+E(39)^{29}$
χ_{20}	2	0	-1	$E(13)+E(13)^{12}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{5}+E(13)^{8}$	$E(39)+E(39)^{38}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{5}+E(39)^{34}$
χ_{21}	2	0	-1	$E(13)+E(13)^{12}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{17}+E(39)^{22}$	$E(39)+E(39)^{38}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{8}+E(39)^{31}$

Trivial source character table of $G \cong$ D78 at $p = 2$:

Normalisers N_i	N_1																				N_2
p-subgroups of G up to conjugacy in G	P_1																				P_2
Representatives $n_j \in N_i$	$1a$	$3a$	$13a$	$39a$	$13b$	$39b$	$39c$	$13c$	$39d$	$39e$	$13d$	$39f$	$39g$	$13e$	$39h$	$39i$	$13f$	$39j$	$39k$	$39l$	$1a$
$1\cdot\chi_{1}+1\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	2	-1	2	-1	-1	2	-1	-1	2	-1	-1	2	-1	-1	2	-1	-1	-1	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)^{2}+E(13)^{11}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)^{6}+E(13)^{7}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{3}+E(13)^{10}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)^{4}+E(13)^{9}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{5}+E(13)^{8}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)+E(13)^{12}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{2}+E(13)^{11}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{6}+E(13)^{7}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)^{3}+E(13)^{10}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)+E(13)^{12}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{5}+E(13)^{8}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	2	$E(13)^{5}+E(13)^{8}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{5}+E(13)^{8}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{3}+E(13)^{10}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)^{2}+E(13)^{11}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{6}+E(13)^{7}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)+E(13)^{12}$	$E(13)^{4}+E(13)^{9}$	$E(13)^{4}+E(13)^{9}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{3}+E(13)^{10}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{5}+E(39)^{34}$	$E(39)+E(39)^{38}$	$E(13)+E(13)^{12}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{2}+E(39)^{37}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{6}+E(13)^{7}$	$E(39)^{5}+E(39)^{34}$	$E(13)+E(13)^{12}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{7}+E(39)^{32}$	$E(39)+E(39)^{38}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{4}+E(39)^{35}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{5}+E(13)^{8}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{8}+E(39)^{31}$	$E(13)+E(13)^{12}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{10}+E(39)^{29}$	$E(39)+E(39)^{38}$	$E(39)^{14}+E(39)^{25}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}$	2	-1	$E(13)+E(13)^{12}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{17}+E(39)^{22}$	$E(39)+E(39)^{38}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{8}+E(39)^{31}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{3}+E(13)^{10}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{14}+E(39)^{25}$	$E(13)+E(13)^{12}$	$E(39)+E(39)^{38}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{11}+E(39)^{28}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{5}+E(13)^{8}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{5}+E(39)^{34}$	$E(13)+E(13)^{12}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{14}+E(39)^{25}$	$E(39)+E(39)^{38}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{4}+E(13)^{9}$	$E(39)+E(39)^{38}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{11}+E(39)^{28}$	$E(13)+E(13)^{12}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{4}+E(39)^{35}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{7}+E(39)^{32}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{4}+E(13)^{9}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{5}+E(13)^{8}$	$E(39)+E(39)^{38}$	$E(39)^{2}+E(39)^{37}$	$E(13)+E(13)^{12}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{19}+E(39)^{20}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{2}+E(13)^{11}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{6}+E(13)^{7}$	$E(39)+E(39)^{38}$	$E(39)^{8}+E(39)^{31}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{2}+E(39)^{37}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{11}+E(39)^{28}$	$E(39)^{4}+E(39)^{35}$	$E(13)+E(13)^{12}$	$E(39)^{17}+E(39)^{22}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{16}+E(39)^{23}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{2}+E(13)^{11}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{19}+E(39)^{20}$	$E(39)+E(39)^{38}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{14}+E(39)^{25}$	$E(39)^{5}+E(39)^{34}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{17}+E(39)^{22}$	$E(13)+E(13)^{12}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{10}+E(39)^{29}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)+E(13)^{12}$	$E(39)^{16}+E(39)^{23}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{10}+E(39)^{29}$	$E(39)^{19}+E(39)^{20}$	$E(13)^{3}+E(13)^{10}$	$E(39)^{7}+E(39)^{32}$	$E(39)^{17}+E(39)^{22}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{5}+E(13)^{8}$	$E(39)+E(39)^{38}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{6}+E(13)^{7}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{8}+E(39)^{31}$	$E(39)^{5}+E(39)^{34}$	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}$	2	-1	$E(13)^{6}+E(13)^{7}$	$E(39)^{8}+E(39)^{31}$	$E(13)+E(13)^{12}$	$E(39)^{5}+E(39)^{34}$	$E(39)^{10}+E(39)^{29}$	$E(13)^{5}+E(13)^{8}$	$E(39)^{16}+E(39)^{23}$	$E(39)^{11}+E(39)^{28}$	$E(13)^{2}+E(13)^{11}$	$E(39)^{2}+E(39)^{37}$	$E(39)^{7}+E(39)^{32}$	$E(13)^{4}+E(13)^{9}$	$E(39)^{19}+E(39)^{20}$	$E(39)^{14}+E(39)^{25}$	$E(13)^{3}+E(13)^{10}$	$E(39)+E(39)^{38}$	$E(39)^{4}+E(39)^{35}$	$E(39)^{17}+E(39)^{22}$	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

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,2)(3,10)(4,72)(5,7)(6,69)(8,78)(9,66)(11,77)(12,63)(13,76)(14,75)(15,60)(16,74)(17,73)(18,57)(19,71)(20,70)(21,54)(22,68)(23,67)(24,51)(25,65)(26,64)(27,48)(28,62)(29,61)(30,45)(31,59)(32,58)(33,42)(34,56)(35,55)(36,39)(37,53)(38,52)(40,50)(41,49)(43,47)(44,46)]) \cong$ C2

$N_1 = Group([(1,2)(3,10)(4,72)(5,7)(6,69)(8,78)(9,66)(11,77)(12,63)(13,76)(14,75)(15,60)(16,74)(17,73)(18,57)(19,71)(20,70)(21,54)(22,68)(23,67)(24,51)(25,65)(26,64)(27,48)(28,62)(29,61)(30,45)(31,59)(32,58)(33,42)(34,56)(35,55)(36,39)(37,53)(38,52)(40,50)(41,49)(43,47)(44,46), (1,3,7)(2,5,10)(4,8,13)(6,11,16)(9,14,19)(12,17,22)(15,20,25)(18,23,28)(21,26,31)(24,29,34)(27,32,37)(30,35,40)(33,38,43)(36,41,46)(39,44,49)(42,47,52)(45,50,55)(48,53,58)(51,56,61)(54,59,64)(57,62,67)(60,65,70)(63,68,73)(66,71,75)(69,74,77)(72,76,78), (1,4,9,15,21,27,33,39,45,51,57,63,69)(2,6,12,18,24,30,36,42,48,54,60,66,72)(3,8,14,20,26,32,38,44,50,56,62,68,74)(5,11,17,23,29,35,41,47,53,59,65,71,76)(7,13,19,25,31,37,43,49,55,61,67,73,77)(10,16,22,28,34,40,46,52,58,64,70,75,78)]) \cong$ D78
$N_2 = Group([(1,2)(3,10)(4,72)(5,7)(6,69)(8,78)(9,66)(11,77)(12,63)(13,76)(14,75)(15,60)(16,74)(17,73)(18,57)(19,71)(20,70)(21,54)(22,68)(23,67)(24,51)(25,65)(26,64)(27,48)(28,62)(29,61)(30,45)(31,59)(32,58)(33,42)(34,56)(35,55)(36,39)(37,53)(38,52)(40,50)(41,49)(43,47)(44,46)]) \cong$ C2