	1a	2a	2b	2c	5a	2d	2e	2f	10a	10b	5b	2g	10c	10d	10e	10 <i>f</i>
(1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$\langle 2 \mid$	1	-1	-1	-1	1	1	1	1	-1	-1	1	-1	1	-1	-1	1
(3	1	-1	-1	1	1	1	-1	-1	-1	1	1	1	-1	-1	1	-1
(4	1	-1	1	-1	1	-1	1	-1	1	-1	1	1	-1	1	-1	-1
(5	1	-1	1	1	1	-1	-1	1	1	1	1	-1	1	1	1	1
(6	1	1	-1	-1	1	-1	-1	1	-1	-1	1	1	1	-1	-1	1
(7	1	1	-1	1	1	-1	1	-1	-1	1	1	-1	-1	-1	1	-1
(8	1	1	1	-1	1	1	-1	-1	1	-1	1	-1	-1	1	-1	-1
(9	2	0	-2	-2	$E(5)^2 + E(5)^3$	0	0	2	$-E(5)^2 - E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	0	$E(5)^2 + E(5)^3$	$-E(5) - E(5)^4$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$
(10	2	0	-2	-2	$E(5) + E(5)^4$	0	0	2	$-E(5) - E(5)^4$	$-E(5) - E(5)^4$	$E(5)^2 + E(5)^3$	0	$E(5) + E(5)^4$	$-E(5)^2 - E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$
(11	2	0	-2	2	$E(5)^2 + E(5)^3$	0	0	-2	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$
(12	2	0	-2	2	$E(5) + E(5)^4$	0	0	-2	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$
(13	2	0	2	-2	$E(5)^2 + E(5)^3$	0	0	-2	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	0	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$-E(5) - E(5)^4$
(14	2	0	2	-2	$E(5) + E(5)^4$	0	0	-2	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$E(5)^2 + E(5)^3$	0	$-E(5) - E(5)^4$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$-E(5)^2 - E(5)^3$
(15	2	0	2	2	$E(5)^2 + E(5)^3$	0	0	2	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$
(16	2	0	2	2	$E(5) + E(5)^4$	0	0	2	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$

Trivial source character table of $G \cong C2 \times C2 \times D10$ at $p = 2$:															
Normalisers N_i	N	71		$\overline{N_2}$		N_3	N	74	N_5 N_6	$N_7 \mid N_8 \mid$	$N_9 \mid N_{10} \mid N_1$	1	N_{12}	$N_{13} N_{14} $	$N_{15} N_{16}$
p-subgroups of G up to conjugacy in G	P	1		$\overline{P_2}$		P_3	P	24			P_9 P_{10} P_{11}		P_{12}	$ \begin{array}{c c c c} N_{13} & N_{14} \\ P_{13} & P_{14} \end{array} $	P_{15} P_{16}
Representatives $n_i \in N_i$	1a $5a$	5b	1a $5a$	5b	1a $5a$	5b	1a $5a$	5b			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		5b	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 $	$\cdot \chi_{16} = 8 = 8$	8	0 0	0	0 0	0	0 0	0			0 0 0		0	0 0	
	χ_{16} 8 $4*E(5)^2+4*E(5)^2$	$4*E(5)+4*E(5)^4$	0 0	0	0 0	0	0 0	0					0	0 0	0 0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} = 8 4 * E(5) + 4 * E(5)^4$	$4*E(5)^2 + 4*E(5)^3$	0 0	0	0 0	0	0 0	0	0 0	$0 \mid 0 \mid$		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 $	$\cdot \chi_{16}$ 4 4	4	4 4	4	0 0	0	0 0	0			0 0 0		0	0 0	0 0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} \mid 4 2*E(5)^2 + 2*E(5)^2$		4 $2*E(5)^2 + 2*E(5)^2$	$(5)^3 2 * E(5) + 2 * E(5)^4$	0 0	0	0 0	0					0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} \mid 4 2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	4 2*E(5) + 2*E(5)	$(5)^4 2 * E(5)^2 + 2 * E(5)^3$	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 $		4	0 0	0	4 4	4	0 0	0			0 0 0		0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		$2*E(5) + 2*E(5)^4$	0 0	0		$(E(5)^3 2 * E(5) + 2 * E(5)^4$		0	" "	~ ~			0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} \mid 4 2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	0 0	0	4 2*E(5) + 2*E(5)	$E(5)^4 2 * E(5)^2 + 2 * E(5)^3$	$^{3} \mid 0$ 0	0	0 0	$0 \mid 0 \mid$		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 $	$\cdot \chi_{16} \mid 4 \qquad 4$	4	0 0	0	0 0	0	4 4	4	" "	~ ~	0 0 0	, ,	0		0 0
$ \begin{vmatrix} 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} + 1 \cdot \chi_{15} + 0 \cdot \chi_{15} \end{vmatrix} $	$\cdot \chi_{16} \mid 4 2*E(5)^2 + 2*E(5)^2$	$2*E(5) + 2*E(5)^4$	0 0	0	0 0	0	$4 2 * E(5)^2 + 2 * E(5)$						0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} \mid 4 2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	0 0	0	0 0	0	$4 2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	0 0	$0 \mid 0 \mid$		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 $	$\cdot \chi_{16} \mid 4 \qquad 4$	4	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 + 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 $	$\cdot \chi_{16} \mid 4 \qquad 4$	4	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 + 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 $	$\cdot \chi_{16}$ 4 4	4	0 0	0	0 0	0	0 0	0	0 0	4 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 $	$\cdot \chi_{16}$ 4 4	4	0 0	0	0 0	0	0 0	0	0 0	0 4	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 $	$\cdot \chi_{16}$ 2 2	2	0 0	0	2 2	2	0 0	0	2 0	2 0	2 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 $	$\cdot \chi_{16}$ 2 2	2	2 2	2	0 0	0	0 0	0	2 2	0 0	0 2 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 $	$\cdot \chi_{16}$ 2 2	2	0 0	0	0 0	0	2 2	2	2 0	0 2	0 0 2	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 $	$\cdot \chi_{16}$ 2 2	2	2 2	2	2 2	2	2 2	2		- -	0 0 0		2	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	2 E(5) + E(5)		$2 E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0 0	$0 \mid 0 \mid$		2 E(5) + E($(5)^4 E(5)^2 + E(5)^3$	$\begin{bmatrix} 0 & 0 \end{bmatrix}$	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\cdot \chi_{16} = 2 \qquad E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$2 E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^2$	$(5)^3 E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$					$(5)^3$ $E(5) + E(5)^4$	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 $	$\cdot \chi_{16} \mid 2 \qquad \qquad 2$	2	0 0	0	2 2	2	0 0	0	0 2	0 2	$\begin{array}{c cccc} 0 & 0 & 0 \\ \hline 0 & 0 & 0 \end{array}$	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 $	$\cdot \chi_{16} \mid 2 \qquad \qquad 2$	2	2 2	2	0 0	0	0 0	0	0 0	2 2	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 $		2	0 0	0	0 0	0	2 2	2	0 2	2 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 $	$\cdot \chi_{16}$ 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

- $P_2 = Group([(1,4)(2,7)(3,9)(5,11)(6,13)(8,15)(10,17)(12,19)(14,21)(16,23)(18,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,38)(34,39)(37,40)]) \cong C2$
- $P_4 = Group([(1,9)(2,13)(3,4)(5,17)(6,7)(8,21)(10,11)(12,25)(14,15)(16,29)(18,19)(20,33)(22,23)(24,36)(26,27)(28,39)(30,31)(32,40)(34,35)(37,38)]) \cong \mathbb{C}^2$
- $P_6 = Group([(1,7)(2,4)(3,13)(5,38)(6,9)(8,35)(10,40)(11,32)(12,31)(14,39)(15,28)(16,27)(17,37)(18,36)(19,24)(20,23)(21,34)(22,33)(25,30)(26,29)]) \cong C2$ $P_7 = Group([(1,6)(2,3)(4,13)(5,37)(7,9)(8,34)(10,32)(11,40)(12,30)(14,28)(15,39)(16,26)(17,38)(18,24)(19,36)(20,22)(21,35)(23,33)(25,31)(27,29)]) \cong \mathbb{C}^2$
- $P_8 = Group([(1,13)(2,9)(3,7)(4,6)(5,40)(8,39)(10,38)(11,37)(12,36)(14,35)(15,34)(16,33)(17,32)(18,31)(19,30)(20,29)(21,28)(22,27)(23,26)(24,25)]) \cong \mathbb{C}^2$

- $P_{12} = Group([(1,4)(2,7)(3,9)(5,11)(6,13)(8,15)(10,17)(12,19)(14,21)(16,23)(18,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,38)(34,39)(37,40), (1,3)(2,5)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,38)(34,39)(37,40), (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,26)(23,29)(24,30)(27,33)(28,34)(31,36)(32,37)(35,39)(38,40)] \\ \cong C_{12} \times C_{12} \times$

- $P_{16} = Group([(1,4)(2,7)(3,9)(5,11)(6,13)(8,15)(10,17)(12,19)(14,21)(16,23)(18,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(15,21)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(15,21)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(15,21)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,2)(4,3)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,37)(36,39)(38,40), \\ (1,2)(4,3)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,37)$
- $N_2 = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(11,38)(12,24)(14,34)(15,35)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,2,3)(3,2,3)(2,3$
- $N_4 = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(11,38)(12,24)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,26)(23,27)(25,36)(29,33), (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,26)(23,27)(25,36)(29,33), (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,26)(23,27)(25,36)(29,33), (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,26)(23,27)(25,36)(29,33), (1,3)(26,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,34)(31,36)(32,37)(35,39)(36,36)(36$
- $N_6 = Group([(1,7)(2,4)(3,13)(5,38)(6,9)(8,35)(10,40)(11,32)(12,31)(14,39)(15,28)(10,40)(11,32)(12,31)(14,39)(15,28)(10,40)(11,32)(12,31)(14,39)(15,28)(10,40)(11,32)(12,31)(14,39)(15,28)(10,40)(11,32)(12,31)(14,39)(15,28)(10,40)(11,32)(12,31)(14,39)(15,32)(14,39)(15,32)(14$
- $N_8 = Group([(1,13)(2,9)(3,7)(4,6)(5,30)(12,30)(1$ $N_9 = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(11,38)(12,24)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,4)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(16,20)(17,40)(18,30)(19,31)(19$
- $N_{10} = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(11,38)(12,24)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33)(14,32)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40)] \\ \cong C_{2} \times C_{2} \times C_{2} \times C_{2} \times C_{3} \times C_{4} \times C_{4} \times C_{5} \times C_{5}$
- $N_{11} = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(21,38)(12,24)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,9)(2,13)(3,4)(5,17)(6,7)(8,21)(10,11)(12,25)(14,15)(16,29)(18,19)(20,33)(22,23)(24,36)(27,32)(24,36)(27,33)(28,34)(31,36)(27,36)(28,3$

- $N_{12} = Group([(1,3)(2,6)(4,9)(5,10)(1,3)(2,6)(4,9)(5,10)(1,3)(2,4)(14,34)(15,35)(20,27)(22,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,29)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(24,31)(26,33)(28,34)(31,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(32,37)(32,39)(32,37)(32,39)(32,37)(32,39)(32,37)(32,39)(32,37)(32,39)(32,37)(32,39)(32,$ $N_{13} = Group([(1,7)(2,4)(3,13)(5,38)(6,9)(8,35)(10,40)(11,32)(12,31)(14,39)(15,28)(16,27)(17,37)(18,36)(19,24)(20,23)(21,34)(22,33)(25,30)(26,29), \\ (1,3)(2,3)(2,3)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(25,30)(26,29)(24,30)(27,33)(28,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,33)(26,34)(21,34)(22,34)(2$
- $N_{14} = Group([(1,6)(2,3)(4,13)(5,37)(7,9)(8,34)(10,32)(11,40)(12,30)(14,28)(15,39)(20,27)(22,29)(24,31)(26,33)(25,31)(27,29), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33)(25,31)(27,29)(14,34)(15,35)(16,20)(17,30)(14,28)(15,39)(16,20)(17,30)(14,28)(15,39)(16,20)(17,30)(14,28)(15,39)(16,20)(17,30)(14,28)(15,39)(16,20)(17,30)(17,30)(17$ $N_{15} = Group([(1,7)(2,4)(3,13)(5,38)(6,9)(8,35)(10,40)(11,32)(12,31)(14,39)(15,28)(16,27)(17,37)(18,36)(19,24)(20,33)(25,30)(26,29)(13,34)(21,34)$
- $N_{16} = Group([(1,2)(3,6)(4,7)(5,32)(8,28)(9,13)(10,37)(11,38)(12,24)(14,34)(15,35)(16,20)(17,40)(18,30)(19,31)(21,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,22)(19,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(5,10)(7,13)(8,14)(11,17)(12,18)(15,21)(16,23)(18,25)(20,27)(22,29)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(5,10)(13,39)(22,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,12)(24,31)(26,33)(28,35)(30,36)(32,37)(35,39)(38,40), \\ (1,4)(2,7)(3,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(4,9)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(29,33), \\ (1,3)(2,6)(2,26)(23,27)(25,36)(23,27)(25,36)(23,27)(25,36)(25,27)($