The group G is isomorphic to the group (C3 . A6) : C2. Ordinary character table of $G \cong (C3 . A6) : C2$:

	1 <i>a</i>	2a	2b	2c	3a	3b	3c	4a	4b	5a	6a	6b	6c	12a	15a	15b
χ_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
χ_3	5	-3	1	1	5	2	-1	-1	-1	0	1	0	1	-1	0	0
χ_4	5	-1	3	1	5	-1	2	-1	1	0	1	-1	0	-1	0	0
χ_5	5	1	-3	1	5	-1	2	-1	-1	0	1	1	0	-1	0	0
χ_6	5	3	-1	1	5	2	-1	-1	1	0	1	0	-1	-1	0	0
χ_7	6	0	0	-2	-3	0	0	2	0	1	1	0	0	-1	$-E(15)^{}7 - E(15)^{}11 - E(15)^{}13 - E(15)^{}14$	$-E(15) - E(15)^2 - E(15)^4 - E(15)^8$
χ_8	6	0	0	-2	-3	0	0	2	0	1	1	0	0	-1	$-E(15) - E(15)^2 - E(15)^4 - E(15)^8$	$-E(15)^{}7 - E(15)^{}11 - E(15)^{}13 - E(15)^{}14$
χ_9	9	-3	-3	1	9	0	0	1	1	-1	1	0	0	1	-1	-1
χ_{10}	9	3	3	1	9	0	0	1	-1	-1	1	0	0	1	-1	-1
χ_{11}	10	-2	2	-2	10	1	1	0	0	0	-2	1	-1	0	0	0
χ_{12}	10	2	-2	-2	10	1	1	0	0	0	-2	-1	1	0	0	0
χ_{13}	12	0	0	4	-6	0	0	0	0	2	-2	0	0	0	-1	-1
χ_{14}	16	0	0	0	16	-2	-2	0	0	1	0	0	0	0	1	1
χ_{15}	18	0	0	2	-9	0	0	2	0	-2	-1	0	0	-1	1	1
Vic	30	Ω	0	_2	-15	0	0	_2	0	0	1	Ω	0	1	0	0

rivial source	character	table of G	$C \cong (C3)$	A6):	C2 at $p=2$	

Trivial source character table of $G = (C3 \cdot A6) : C2$ 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	$\sqrt{15}$ N_{16} N_{17}	$N_{17} N_{18} N_{19}$
$p-subgroups \ of \ G \ up \ to \ conjugacy \ in \ G$	P_1	P_2	P_3 P_4	P_5	P_6 P_7	P_8	P_{9} P_{10}	$P_{11} \mid P_{12}$	P_{13} P_{14} I	P_{15} P_{16} P_{17}	$P_{17} P_{18} P_{19}$
j = 1	3a 3b 3c 5a 15a 15	1a 3c 1c	$a 3b \boxed{1a}$	$3a \mid 1a 3a$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$3a 3c \mid 1a \mid$	$1a \mid 1a \mid 3a$	3b 3b 1a 1a	1a $1a$ $3a$ $1a$	$3b \mid 1a \mid 1a$	$a \mid 1a 3c \mid 1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$80 \ 8 \ 8 \ 0 \ 0$	0 0 0	0 0	0 0 0	0 0 0	0 0 0	$\begin{bmatrix} 0 & 0 & 0 \end{bmatrix}$	0 0 0	0 0 0 0	0 0 0	0 0 0
$ \left 0 \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 + 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} \right $		0 0 0	0 0	0 0 0	0 0 0	0 0 0	$\begin{bmatrix} 0 & 0 & 0 & 0 \end{bmatrix}$	$J = 0 \mid 0 \mid 0^{-1}$		$0 \mid 0 \mid 0$	0 0 0
$ \left 0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \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 + 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} \right $	$48 6 0 -2 \qquad \qquad -2$	0 0 0	0 0	0 0 0	0 0 0	0 0 0	$\begin{bmatrix} 0 & 0 & 0 & 0 \end{bmatrix}$	$J = 0 \mid 0 \mid 0^{-1}$		$0 \mid 0 \mid 0$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \left \ 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} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} \right $	$-24 0 0 3 -E(15) - E(15)^2 - E(15)^2$	0 0 0	0 0	$0 \mid 0 \mid 0$	$0 \mid 0 \mid 0$	0 0 0	$\begin{bmatrix} 0 & 0 & 0 & t \end{bmatrix}$	$0 \mid 0 \mid 0$		$0 \mid 0 \mid 0$	0 0 0
	$-24 0 0 3 -2*E(15) - 2*E(15) \hat{} 2 - 2*E(15) \hat{} 4 - E(15) \hat{} 14 -$	0 0 0	0 0	$0 \mid 0 \mid 0$	$0 \mid 0 \mid 0$	0 0 0 0	$\begin{bmatrix} 0 & 0 & 0 & t \end{bmatrix}$	$0 \mid 0 \mid 0$		$0 \mid 0 \mid 0$	0 0 0
$ \left 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} \right $		0 0 0	0 0	$0 \mid 0 \mid 0$	$0 \mid 0 \mid 0$	$0 0 \mid 0 \mid$		$0 \mid 0 \mid 0$		$0 \mid 0 \mid 0$	0 0 0
$ \left[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} + 1 \cdot \chi_{16} \right] $		0 0 0	0 0	0 0 0	0 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	0 0 0 0	0 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$		8 2 0	0 0	0 0 0	0 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0	0 0 0 0	0 0 0	0 0 0
$ \left[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 + 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} \right] $		$8 -1 \mid 0$	0 0	0 0 0	0 0 0	0 0 0	0 0 0 0) 0 0 0	0 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$40 \ 4 \ 4 \ 0$ 0	0 0 8	3 2 0	0 0 0	0 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0			
$ \left \ 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} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} \right $		0 0 8	$3 - 1 \mid 0$	$0 \mid 0 \mid 0$	0 0 0	0 0 0	$\begin{bmatrix} 0 & 0 & 0 \end{bmatrix}$		0 0 0 0		
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$		0 0 0	0 8	8 0 0	0 0 0	0 0 0	$\frac{1}{0}$ 0 0 $\frac{1}{0}$	0 0 0 0	0 0 0 0	0 0 0	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$		0 0		- 0	0 0 0	0 0 0	$\begin{bmatrix} 0 & 0 & 0 \end{bmatrix}$	$0 \mid 0 \mid 0$	0 0 0 0	$0 \mid 0 \mid 0$, 0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	20 2 2 0 0	0 0 0	0 4	4 4 4	0 0 0	0 0 0	1000	0 0 0	0 0 0 0	0 0 0	0 0 0
$ \left[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 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} \right] $	$-42 0 0 4 \qquad \qquad -2$	0 0 0	$0 \mid 4$	$-2 \mid 4 -2$	0 0 0	0 0 0	0 0 0	$0 \mid 0 \mid 0$	0 0 0 0	$0 \mid 0 \mid 0$	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$		0 0	_ -	- 0		0 0 0		0 0 0		0 0 0	0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$								0 0 0			
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$28 4 -2 -2 \qquad \qquad -2$		-					0 0 0 0			
$ \left[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} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} \right] $								0 0 0 0			
$ \left[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} \right] $				I				0 0 0 0			
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 2 \cdot \chi_4 + 1 \cdot \chi_5 + 2 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 4 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$				I				0 0 0		0 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$		8 2 0	0 4	4 0 0	0 0 0	0 0 0	4 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	12 6 0 2 2	0 0 0	0 4	4 0 0	0 0 0	0 0 0	0 4 4	4 4 0 0	0 0 0 0	0 0 0	0 0 0
$ \left[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} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} \right] $	-30 0 0 0	0 0 0	0 0 4	$-2 \mid 0 = 0$	0 0 0	0 0 0	$0 \mid 4 \mid -2$	$4 -2 \mid 0 \mid 0 \mid$	0 0 0 0	$0 \mid 0 \mid 0$	0 0 0
$ \left \ 0 \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 + 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} \right $	$28 -2 4 -2 \qquad \qquad -2$	0 0 0	0 0 4	$4 \mid 0 \mid 0$	0 0 0	0 0 0	0 4 4 -	-2 -2 0 0	0 0 0 0	$0 \mid 0 \mid 0$	0 0 0
$ \left[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} \right] $	$-6 0 0 2 \qquad -1$	0 0 0	0 0 4	$-2 \mid 0 = 0$	0 0 0	0 0 0	$0 \mid 4 \mid -2 \mid -$	-2 1 0 0	0 0 0 0	$0 \mid 0 \mid 0$	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$		0 0 0	0 4	4 0 0		0 0 0		0 0 4 0		0 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	6 0 3 1 1	4 1 0	0 2	2 0 0	0 2 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2} = 0 = 0$	0 0 2 2	0 0 0 0	0 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	10 1 1 0 0	4 1 4	1 2	2 2 2	2 0 0	0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0	0 0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$egin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0	0 2	2 2 2	0 2 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 2 2	2 2 0 0	0 2 2 0	0 0 0	0 0 0
$ \left \ 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} \right $	-9 0 0 -2 1	0 0 0	0 0 2	-1 2 -1	0 2 2 -	-1 -1 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 -1 0 0	0 2 -1 0	0 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$								2 2 0 0			
$ \left \ 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 + 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} \right $	$14 -1 2 -1 \qquad \qquad -1$	6 0 2	$2 - 1 \mid 2$	$\begin{vmatrix} 2 & 0 & 0 \end{vmatrix}$	0 0 0	0 0 2 2	2 2 -	-1 -1 0 0	0 0 0 2	-1 0 0	0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 2 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$58 4 4 -2 \qquad \qquad -2$	6 0 6	0 2	2 2 2	0 0 0	0 0 2	0 0 0	0 0 2 0	0 0 0 0	0 2 0	, 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 4	1 2	2 0 0	2 0 0	0 0 0	0 2 2	2 2 2 0	0 0 0 0	0 0 2	. 0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$								0 0 0			
$ \left 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} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} \right $	$14 2 -1 -1 \qquad \qquad -1$	2 -1 6	$0 \mid 2$	$\begin{vmatrix} 2 & 0 & 0 \end{vmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 -1 2	$\begin{bmatrix} 0 & 0 & 0 \end{bmatrix}$	0 0 0 0	0 0 0 0	0 0 0	$\begin{vmatrix} 2 & -1 & 0 \end{vmatrix}$

 $P_1 = Group([()]) \cong 1$

 $P_1 = Group([(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2$

 $P_3 = Group([(1,8)(2,3)(4,17)(5,9)(6,16)(7,14)(10,11)(12,18)(13,15)]) \cong C2$

 $P_4 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2$

 $P_5 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13)]) \cong \mathbf{C4}$

 $P_6 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times C2$

 $P_7 = Group([(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times C2$ $P_8 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times C2$

 $P_9 = Group([(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times C2$

 $P_10 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times C2$ $P_11 = Group([(2,9)(3,5)(4,14,17,7)(6,11,15,12)(10,13,18,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C4$

 $P_{1}2 = Group([(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong D8$

 $P_{1}3 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13)]) \cong D8$

 $P_{14} = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong D8$

 $P_{1}5 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times C2 \times C2$ $P_{1}6 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C4 \times C2$

 $P_17 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong D8$

 $P_1 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17), (1,8)(2,5)(3,9)(4,17)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18)(11,12), (4,17)(6,15)(7,14)(10,18), (11,12)(13,16), (11,12)$

 $\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}} \boxed{1} \qquad 1 \qquad 1$

 $P_{1} = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times D8$

- $N_1 = Group([(1, 2, 7, 11, 4)(3, 8, 15, 17, 10)(5, 9, 16, 18, 12), (2, 6)(3, 5)(4, 10)(8, 14)(9, 13)(11, 17)(15, 16)]) \cong (C3 . A6) : C2$
- $N_2 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(4,7)(6,18)(10,12)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(11,18)(1$
- $N_4 = Group([(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15), (4,17)(6,15)(7,14)(10,12)(11,18)(13,15), (4,17)(6,15)(11,13)(12,16)(14,17), (1,13)(14,17), (1,13)(14,17), (1,13)(14,17), (1,13)(14,17), (1,13)(14,17), (1,13)(14$
- $N_5 = Group([(1,9)(2,5)(3,8)(4,10)(6,14)(7,15)(17,18),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong D8 \times S3$
- $N_6 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17), (4,17)(6,15)(7,14)(10,18)(11,12)(13,16), (1,8)(2,5)(3,9)(6,15)(7,14)(13,16), (1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times D8$
- $N_7 = Group([(1,5)(2,9)(4,10)(6,17)(7,15)(11,13)(14,18),(1,2)(3,8)(5,9)(6,18)(11,13)(14,17),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,18)(11,13)(12,16)(14,17),(4,17)(6,18)(11,13)(12,16)(14,17),(4,17)(6,18)(11,13)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(12,16)(14,17),(4,17)(6,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,18)(14,17),(4,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)(14,17)$
- $N_8 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times D8$
- $N_9 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times D8$ $N_10 = Group([(1,4)(2,11)(3,10)(5,12)(8,17)(9,18),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12)(13,16),(4,7)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(11,12)(13,16),(4,7)(11,12)(13,16),(4,7)(11,12$
- $N_1 1 = Group([(2,9)(3,5)(4,14,17,7)(6,11,15,12)(10,13,18,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong \mathbf{C2} \times \mathbf{D8}$
- $N_{12} = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong C2 \times D8$ $N_{13} = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(2,5)(3,9)(4,17,7)(6,18,15)(11,12)(13,16),(1,8)(11,12$
- $N_{13} = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18)(11,12),(4,17)(10,18),(4,17)($
- $N_14 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,18)(11,12),(4,7)(6,18)$
- $N_15 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(1,7)(2,6)(3,16)(4,17)(5,15)(8,14)(9,13)(10,11)(12,18),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times S4$
- $N_{1}6 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times D8$ $N_{1}7 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12)(13,16),(2,9)(3,5)(4,7,17,14)(6,12,15,11)(10,16,18,13)]) \cong C2 \times D8$
- $N_18 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,9)(2,3)(5,8)(7,17)(11,16)(15,18),(1,9)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong \mathbf{C2} \times \mathbf{S4}$
- $N_19 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong C2 \times D8$