The group G is isomorphic to the group labelled by [48, 4] in the Small Groups library. Ordinary character table of $G \cong C8 \times S3$:

Trivial	source	character	table	of $G \cong$	$C8 \times S3$	at $p=2$
TA T	1.	7. T				

Trivial source character table of $G = C8 \times S3$ at $p = 2$.											
Normalisers N_i	N_1	N_2	N_3	N_4	N_5	N_6	$_{6}$ N_{7}	N_8	N_9	N_{10}	N_{11}
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}
Representatives $n_j \in N_i$	1a 3a	$a \mid 1a \mid 3$	$a \mid 1a$	1a	1a :	$3a \mid 1a$	ι 1a	1a 3a	a 1a	1 <i>a</i>	1 <i>a</i>
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 1 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	16 16	$6 \mid 0 \mid$	0 0	0	0	0 0	0	0 0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 1 \cdot \chi_{19} + 1 \cdot \chi_{20} + 1 \cdot \chi_{21} + 1 \cdot \chi_{22} + 1 \cdot \chi_{23} + 1 \cdot \chi_{24}$	16 -	8 0 0	0 0	0	0	$0 \mid 0$	0	0 0) 0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	8 8	8 8	8 0	0	0	0 0	0	0 0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 1 \cdot \chi_{23} + 1 \cdot \chi_{24}$	8 -	4 8 -	-4 0	0	0	$0 \mid 0$	0	0 0) 0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	8 8	3 0 (0 8	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 + 1 \cdot \chi_7 + 1 \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} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 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 $	8 8	3 0 (0 0	8	0	0 0	0	0 0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4 4	4 4	4 0	0	4	4 0	0	0 0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} +$	4 –	2 4 -	-2 0	0	4 -	-2 0	0	0 0) 0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4 4	4 4	4 4	4	0	0 4	0	0 0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4 4	4 4	4 0	0	0	0 0	4	0 0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} +$	2 2	2 2 2	2 0	0	2	2 0	0	2 2	2 0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2 -	1 2 -	-1 0	0	2 -	$-1 \mid 0$	0	2 -	1 0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2 2	2 2 2	2 2	2	2	2 2	2	0 0) 2	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2 2	2 2 2	2 0	0	2	$\overline{2}$ 0	0	0 0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$. 1	1 1	1	1	1 1	1	1 1	. 1	1	1

- $P_2 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong \mathbb{C}_2$
- $P_3 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong \mathbb{C}_2$
- $P_4 = Group([(1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43)]) \cong \mathbb{C}_2$
- $P_6 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)] \\ \cong C_2 \times C_2 \times C_3 \times C_3 \times C_3 \times C_4 \times C$
- $P_7 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,8,5,21)(2,4,9,14)(3,18,12,32)(6,37,16,46)(7,11,19,25)(10,30,23,42)(13,44,27,48)(15,38,29,24)(17,22,31,36)(20,40,34,47)(26,45,39,35)(28,33,41,43)]) \cong C4$
- $P_8 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(2,8,9,21)(3,11,12,25)(6,13,15,26,16,27,29,39)(10,20,22,33,23,34,36,43)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45,46,48)]) \cong C8$
- $P_9 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(2,8,9,21)(3,11,12,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,26,27,39)(17,30,31,42)(20,33,34,43)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,2)(3,7)(4,8)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,49)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(44,48), (1,4,5,14)(28,49)(33,43)(35,45)(37,46)(49,47)(48,48), (1,4,5,14)(28,49)(38$

 $P_{11} = Group([1,5)(2,9)(3,12)(4,14)(6,36)(2,34)(2,36)(2,36)(2,34)(2,36)(2,34)(2,36)(2,$

 $N_1 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,10)(10,23)(11,25)(6,13,15,26,16,27,29,39)(10,20,23,34,36)(23,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,13,15,26,16,27,29,39)(10,20,23,34,36)(28,40)(13,26,27,39)(17,30,31,42)(20,33,43)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,13,15,26,16,27,29,39)(10,20,23,34,36)(28,40)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,34,48), (1,5)(24,34,48)(24,37,38,46)(28,40,41,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(24,34,48)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(24,34,48)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(24,34,48)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(24,34,48)(24,37,38,46)(28,40,41,47)(35,44,48)(36,43,48)$ $N_2 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(25,37)(4,45)(20,33,44)(12,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28,30,43,43)(24,37,38,46)(28,40,41,47)(35,44,48)(36,43,43)(36,43,$

 $|\chi_7|$ 1 -1 -E(8) E(4) -1 1 E(8) -E(4) 1 -E(8)³ E(8) -E(4) E(4) -1 E(8)³ -E(8) E(4) E(8)³ -E(8)³ E(8) -E(4) -E(8)³ E(8) $|\chi_9| |1 - 1 - E(8)^3 - E(4) - 1 - 1 - E(8)^3 - E(4) - 1 - 1 - E(8)^3 - E(4) - E(8)^3 - E(4) - E(8)^3 - E(4) - E(8)^3 - E(4) - E(8)^3 |\chi_{10}|$ 1 -1 E(8) E(4) -1 1 -E(8) -E(4) 1 $E(8)^3$ -E(8) E(8) -E(4) $E(8)^3$ $-E(8)^3$ $|\chi_{13}|$ 1 1 -E(8) E(4) -1 1 -E(8) E(4) -1 $-E(8)^3$ E(8) -E(8) -E(4) $E(8)^3$ E(8) $-E(8)^3$ E(8) $-E(8)^3$ E(8) $-E(8)^3$ $-E(8)^3$ -E(8 $|\chi_{16}|$ 1 1 E(8) E(4) -1 1 E(8) E(4) -1 $E(8)^3$ -E(8) E(8) -E(8) - $\left| \ \chi_{18} \ \right| \ 2 \ 0 \ 2 \ 2 \ 2 \ -1 \ 0 \ 0 \ 0 \ 2 \ 2 \ -1 \ -1 \ -1 \ 0 \ 0 \ 0 \ 2 \ -1 \ -1 \ -1 \ 0 \ -1$ $\begin{vmatrix} \chi_{22} & 2 & 0 & -2*E(8) & 2*E(4) & -2 & -1 & 0 & 0 & 0 & -2*E(8)^3 & 2*E(8) & E(8) & -2*E(4) & -E(4) & 1 & 0 & 0 & 0 & 2*E(8)^3 & E(8)^3 & -E(8) & E(4) & 0 & -E(8)^3 \end{vmatrix}$

 $N_6 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,34)(22,36)(24,38)(26,34)(35,45)(37,46)(40,47)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,34)(17,28,30,40,31,41,42,47)(24,35,37,44,38,45,46,48)] \\ \cong C_8 \times C_2 = C_8 \times C_$

 $N_7 = Group([(1,8,5,21)(2,4,9,14)(3,18,12,32)(6,37,16,48)(2,30)(2,31)(2,31,36)(2,3$ $C_{1}, C_{2}, C_{3}, C_{4}, C_{5}, C_{5},$

 $N_9 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,23)(11,25)(6,13,14)(24,37)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(20,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), \\ (1,5)(2,9)(3,12)(4,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)(17,28)(20,34)(22,36)(24,38)(26,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), \\ (1,5)(2,9)(3,12)(4,43)(24,37,38,46)(24,37$ $N_{10} = Group([(1,7,4,18,5,19,14,32)(2,3,8,11,9,12,25)(6,35,15,44,16,45,29,48)(10,28,22,40,23,41,36,47)(13,37,26,38,27,46,39,24)(17,20,30,33,34,43)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,35,15,44,16,45,29,48)(10,28,22,40,23,41,36,47)(13,37,26,38,27,46,39,24)(17,20,30,33,31,34,42)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(24,37,38,46)(28,44,47)(35,44,45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(24,37,38,46)(28,43)(28,43)(2$

 $N_{11} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,37)(4,8)(20,34)(21,37)(13,27)(1$