Ordinary character table of $G \cong C3 \times ((C4 \times C2) : C2)$:

	1a	4a	2a	3a	2b :	$\frac{1}{2c}$	4b	12a	4c	6a	2d	3b	6b	6c	2e	12b	4d	12c	12d	6d	6e	6f	6g	6h	12e	12f	12 <i>g</i>	6i	6j	12h
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	$E(3)^{2}$	1	1	1	$-E(3)^2$	-1	$-E(3)^2$	-1	E(3)	$E(3)^{2}$	$E(3)^{2}$	1	$E(3)^{2}$	1	-E(3)	$-E(3)^2$	-E(3)	$-E(3)^2$	E(3)	E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	-E(3)	-E(3)	E(3)	E(3)
χ_6	1	-1	-1	E(3)	1	1	1	-E(3)	-1	-E(3)	-1	$E(3)^{2}$	E(3)	E(3)	1	E(3)	1	$-E(3)^2$	-E(3)	$-E(3)^2$	-E(3)	$E(3)^{2}$	$E(3)^{2}$	E(3)	$E(3)^{2}$	E(3)	$-E(3)^2$	$-E(3)^2$	$E(3)^{2}$	$E(3)^{2}$
χ_7	1	-1	1	$E(3)^{2}$	1	1	-1	$-E(3)^2$	-1	$E(3)^{2}$	1	E(3)	$E(3)^{2}$	$E(3)^{2}$	1	$-E(3)^2$	-1	-E(3)	$-E(3)^2$	E(3)	$E(3)^{2}$	E(3)	E(3)	$E(3)^{2}$	-E(3)	$-E(3)^2$	-E(3)	E(3)	E(3)	-E(3)
χ_8	1	-1	1	E(3)	1	1	-1	-E(3)	-1	E(3)	1	$E(3)^{2}$	E(3)	E(3)	1	-E(3)	-1	$-E(3)^2$	-E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	$E(3)^{2}$	E(3)	$-E(3)^2$	-E(3)	$-E(3)^2$	$E(3)^{2}$	$E(3)^{2}$	$-E(3)^2$
χ_9	1	1	-1	$E(3)^{2}$	1	1	-1	$E(3)^{2}$	1	$-E(3)^2$	-1	E(3)	$E(3)^{2}$	$E(3)^{2}$	1	$-E(3)^2$	-1	E(3)	$E(3)^{2}$	-E(3)	$-E(3)^2$	E(3)	E(3)	$E(3)^{2}$	-E(3)	$-E(3)^2$	E(3)	-E(3)	E(3)	-E(3)
χ_{10}	1	1	-1	E(3)	1	1	-1	E(3)	1	-E(3)	-1	$E(3)^{2}$	E(3)	E(3)	1	-E(3)	-1	$E(3)^{2}$	E(3)	$-E(3)^2$	-E(3)	$E(3)^{2}$	$E(3)^{2}$	E(3)	$-E(3)^{2}$	-E(3)	$E(3)^{2}$	$-E(3)^2$	$E(3)^{2}$	$-E(3)^2$
χ_{11}	1	1	1	$E(3)^{2}$	1	1	1	$E(3)^{2}$	1	$E(3)^{2}$	1	E(3)	$E(3)^{2}$	$E(3)^{2}$	1	$E(3)^{2}$	1	E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	E(3)	E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	E(3)	E(3)	E(3)	E(3)
χ_{12}	1	1	1	E(3)	1	1	1	E(3)	1	E(3)	1	$E(3)^{2}$	E(3)	E(3)	1	E(3)	1	$E(3)^{2}$	E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	$E(3)^{2}$	E(3)	$E(3)^{2}$	E(3)	$E(3)^{2}$	$E(3)^{2}$	$E(3)^{2}$	$E(3)^{2}$
χ_{13}	1 -	-E(4)	-1	1	1 -		E(4)	-E(4)	E(4)	-1	1	1	1	-1	-1	E(4)	-E(4)	-E(4)	E(4)	-1	1	1	-1	-1	E(4)	-E(4)	E(4)	1	-1	-E(4)
χ_{14}	1	E(4)	-1	1	1 -	-1 -	-E(4)	E(4)	-E(4)	-1	1	1	1	-1	-1	-E(4)	E(4)	E(4)	-E(4)	-1	1	1	-1	-1	-E(4)	E(4)	-E(4)	1	-1	E(4)
χ_{15}	1 .	-E(4)	-1	$E(3)^{2}$	1 -		E(4)	$-E(12)^{11}$	E(4)	$-E(3)^2$	1	E(3)	$E(3)^{2}$	$-E(3)^2$	-1	$E(12)^{11}$	-E(4)	$-E(12)^{7}$	$E(12)^{11}$	-E(3)	$E(3)^{2}$	E(3)	-E(3)	$-E(3)^2$	$E(12)^{7}$	$-E(12)^{11}$	$E(12)^{7}$	E(3)	-E(3)	$-E(12)^{7}$
χ_{16}		-E(4)	-1	E(3)			E(4)	$-E(12)^{7}$	E(4)	-E(3)	1	$E(3)^{2}$	E(3)	-E(3)	-1	$E(12)^{7}$	-E(4)	$-E(12)^{11}$	$E(12)^{7}$	$-E(3)^2$	E(3)	$E(3)^{2}$	$-E(3)^2$	-E(3)	$E(12)^{11}$	$-E(12)^{7}$	$E(12)^{11}$	$E(3)^{2}$	$-E(3)^2$	$-E(12)^{11}$
χ_{17}	1	E(4)	-1	$E(3)^{2}$			-E(4)	$E(12)^{11}$	-E(4)	$-E(3)^2$	1	E(3)	$E(3)^{2}$	$-E(3)^2$	-1	$-E(12)^{11}$	E(4)	$E(12)^{7}$	$-E(12)^{11}$	-E(3)	$E(3)^{2}$	E(3)	-E(3)	$-E(3)^2$	$-E(12)^{7}$	$E(12)^{11}$	$-E(12)^{7}$	E(3)	-E(3)	$E(12)^{7}$
χ_{18}		E(4)	-1	E(3)	1 -		-E(4)	$E(12)^{7}$	-E(4)	-E(3)	1	$E(3)^{2}$	E(3)	-E(3)	-1	$-E(12)^7$	E(4)	$E(12)^{11}$	$-E(12)^7$	$-E(3)^2$	E(3)	$E(3)^{2}$	$-E(3)^2$	-E(3)	$-E(12)^{11}$	$E(12)^{7}$	$-E(12)^{11}$	$E(3)^{2}$	$-E(3)^2$	$E(12)^{11}$
χ_{19}	1 -	-E(4)	1	1	1 -		-E(4)		E(4)	1	-1	1	1	-1	-1	-E(4)	E(4)	-E(4)	E(4)	1	-1	1	-1	-1	-E(4)	E(4)	E(4)	-1	-1	E(4)
χ_{20}	1	E(4)	1	1			E(4)	E(4)	-E(4)	1	-1	1	1	-1	-1	E(4)	-E(4)	E(4)	-E(4)	1	-1	1	-1	-1	E(4)	-E(4)	-E(4)	-1	-1	-E(4)
χ_{21}		-E(4)	1	$E(3)^2$			-E(4)	$-E(12)^{11}$	E(4)	$E(3)^2$	-1	E(3)	$E(3)^2$	$-E(3)^{2}$	-1	$-E(12)^{11}$	E(4)	$-E(12)^7$	$E(12)^{11}$	E(3)	$-E(3)^{2}$	E(3)	-E(3)	$-E(3)^{2}$	$-E(12)^7$	$E(12)^{11}$	$E(12)^7$	-E(3)	-E(3)	$E(12)^7$
χ_{22}		-E(4)	1	E(3)			-E(4)	$-E(12)^7$	E(4)	E(3)	-1	$E(3)^2$	E(3)	-E(3)	-1	$-E(12)^7$	E(4)	$-E(12)^{11}$	$E(12)^7$	$E(3)^2$	-E(3)	$E(3)^2$	$-E(3)^2$	-E(3)	$-E(12)^{11}$	$E(12)^7$	$E(12)^{11}$	$-E(3)^{2}$	$-E(3)^{2}$	$E(12)^{11}$
χ_{23}		E(4)	1	$E(3)^2$			E(4)	$E(12)^{11}$	-E(4)	$E(3)^2$	-1	E(3)	$E(3)^{2}$	$-E(3)^{2}$	-1	$E(12)^{11}$	-E(4)	$E(12)^7$	$-E(12)^{11}$	E(3)	$-E(3)^{2}$	E(3)	-E(3)	$-E(3)^{2}$	$E(12)^7$	$-E(12)^{11}$	$-E(12)^7$	-E(3)	-E(3)	$-E(12)^7$
χ_{24}	1	E(4)	1	E(3)			E(4)	$E(12)^{7}$	-E(4)	E(3)	-1	$E(3)^{2}$	E(3)	-E(3)	-1	$E(12)^{7}$	-E(4)	$E(12)^{11}$	$-E(12)^{7}$	$E(3)^{2}$	-E(3)	$E(3)^{2}$	$-E(3)^{2}$	-E(3)	$E(12)^{11}$	$-E(12)^{7}$	$-E(12)^{11}$	$-E(3)^2$	$-E(3)^2$	$-E(12)^{11}$
χ_{25}	2	0	0	2	_	-2	0	0	0	0	0	2	-2	-2	2	0	0	0	0	0	0	-2	-2	2	0	0	0	0	2	0
χ_{26}	2	0	0	2	-2	2	0	0	0	0	0	2	-2	2	-2	0	0	0	0	0	0	-2	2	-2	0	0	0	0	-2	0
χ_{27}	2	0		2 * E(3)		2	0	0	0	0	0	$2 * E(3)^2$	-2 * E(3)	2 * E(3)	-2	0	0	0	0	0	0	$-2*E(3)^2$	$2 * E(3)^2$	-2*E(3)	0	0	0	0	$-2*E(3)^2$	0
χ_{28}	2	U		$2 * E(3)^2$		2	0	U	U	U	0	2 * E(3)	$-2*E(3)^2$	$2*E(3)^2$	-2 0	U	U	U	U	U	U	-2 * E(3)	2 * E(3)	$-2*E(3)^2$	U	U	U	U	-2 * E(3)	U
χ_{29}	2	U		$2 * E(3)^2$			0	U	U	U	0	2 * E(3)	$-2*E(3)^2$	$-2*E(3)^2$	2	U	U	U	U	U	U	-2 * E(3)	-2 * E(3)	$2 * E(3)^2$	U	U	U	U	2 * E(3)	U
χ_{30}	2	U	U	2 * E(3)	-2 -	-2	U	U	U	U	U	$2 * E(3)^2$	-2 * E(3)	-2 * E(3)	2	U	U	U	0	U	U	$-2*E(3)^2$	$-2*E(3)^2$	2 * E(3)	0	0	U	U	$2 * E(3)^2$	U

	/ (-)	0 0 2 * E(3)	2 2 0	0 0	0 0 2	$2*E(3)^2 -2*1$	E(3) = 2 * E(3)	-2 0	0 0	0 0	0 -2 *	E(3) = 2 * E(3)	-2*E(3)	0 0	U	0 -	$-2*E(3)^2$	U							
	720 -	$0 0 2 * E(3)^2$	-2 2 0	0 0	0 0	$2 * E(3) \qquad -2 * E(3)$	$E(3)^2 2 * E(3)^2$	-2 0	0 0	0 0	0 -2 *	E(3) $2*E(3)$	$-2*E(3)^2$	0 0	0	0 -	-2 * E(3)	0							
		$0 0 2 * E(3)^2$		0 0	0 0	2 * E(3) -2 * E(3)	$E(3)^2 -2 * E(3)^2$	2 0	0 0	0 0	0 -2 *		$2*E(3)^2$	0 0	0		\ /	0							
	χ_{30} 2	0 0 $2*E(3)$	-2 -2 0	0 0	0 0 2	$2*E(3)^2 -2*1$	$E(3) \qquad -2*E(3)$	2 0	0 0	0 0	0 -2 *	$E(3)^2 -2 * E(3)^2$	2 * E(3)	0 0	0	0 2	$2 * E(3)^2$	0							
vial source character table of $G \cong C3 \times ((C4 \times C2) : C2)$ at $p = 2$:	3.7	37	3.7		3.7	3.7		3.7	3.7		3.7	3.7		3.7		3.7	3.7				7.7	7.7			
N_{i}	$\frac{N_1}{D}$	N_2	N_3		N_4	N_5	i	$\frac{N_6}{D}$	N_7		N ₈	N_9		$\frac{N_{10}}{D}$		N_{11}	N_{12}		$\frac{N_{13}}{D}$		$\frac{N_{14}}{D}$	N_{15}		$\frac{N_{16}}{D}$	N_1
-subgroups of G up to conjugacy in G	$\frac{P_1}{P_1}$	P_2	P_3	01 1	P_4	P ₅	01 1	P_6	P ₇	01 1 0	P ₈	P_9	01 1	$\frac{P_{10}}{2}$	1 0	P_{11}	P_{12}	01 1	$\frac{P_{13}}{2}$	1 1 2	P_{14}	P_{15}		$\frac{P_{16}}{2}$	P_1
Representatives $n_j \in N_i$	$\frac{3a}{1a}$ $\frac{3b}{1a}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1a 3a	3b $1a$	3a $3b$	1 <i>a</i> 3 <i>a</i>	3b $1a$	3a $3b$	1 <i>a</i> 3 <i>a</i>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	36	1a 3a	3b 1a	$\frac{3a}{a}$	1a 30	a 3b	1 <i>a</i> 3 <i>a</i>	3b $1a$	$\frac{3a}{a}$	$\frac{1a}{a}$	36	$\frac{1a}{a}$ $\frac{3a}{a}$	$\frac{3b}{a}$	$\frac{3a}{a}$	$\frac{b}{a}$ $\frac{1a}{a}$ $\frac{3a}{a}$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	16 16		0 0	$0 \qquad 0$	0 0	0 0	$0 \qquad 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0		0	$\begin{bmatrix} 0 & 0 \\ 1 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			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	0 0		0	0 0	0 0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$
$+ \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 2 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 2 \cdot \chi_{30} \end{vmatrix} 16 - 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 2 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 2 \cdot \chi_{30} \end{vmatrix} 16 - 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{11} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{12} + 0 \cdot \chi_{12} + 0 \cdot \chi_{12} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{12$	$16 * E(3)$ $16 * E(3)^2$	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 0	0 0) 0	0 0	0 0	0 0	0 0		0 0	0 0	0 0	$\frac{1}{2}$ $\frac{0}{2}$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 8	8 8 8	$\begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$	$0 \qquad 0$	0 0	0 0	$0 \qquad 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	0 0	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0 0	0 0	0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$0 \qquad 0$	0 0	$0 \qquad 0$	0	$\begin{bmatrix} 0 & 0 \\ 1 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$8 * E(3)$ $8 * E(3)^2$	_ (-) - (-	$\binom{1}{2} \binom{0}{0} = 0$	0 0	0 0	0 0	$0 \qquad 0$	0 0	0 0	0 0 0	0	0 0	0 0	0 0	0 0	0	0 0	$0 \qquad \mid 0$	0 0	0 0	0 1	$\begin{bmatrix} 0 & 0 \\ 1 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ + \chi_1 + 0 + \chi_2 + 0 + \chi_3 + 0 + \chi_4 + 1 + \chi_5 + 0 + \chi_6 + 1 + \chi_7 + 0 + \chi_8 + 1 + \chi_9 + 0 + \chi_{10} + 1 + \chi_{11} + 0 + \chi_{12} + 0 + \chi_{13} + 0 + \chi_{14} + 0 + \chi_{15} + 0 + \chi_{16} + 0 + \chi_{17} + 0 + \chi_{18} + 0 + \chi_{19} + 0 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 0 + \chi_{25} + 0 + \chi_{26} + 0 + \chi_{27} + 2 + \chi_{28} + 0 + \chi_{29} + 0 + \chi_{30} \end{vmatrix} $	$8*E(3)^2$ $8*E(3)$	$8 + 8 * E(3)^2 + 8 * E(3)^2$	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	0	0 0	0 0	0	0 0		+ 0 0	0 0	0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 8	0 0 0	8 8	$\frac{8}{2}$ 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	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$8 * E(3)$ $8 * E(3)^2$	0 0 0	8 8 * E(3)	$8 * E(3)^2 \mid 0$	0 0	0 0	$0 \qquad 0$	0 0	0 0	0 0 0	0	0 0	0 0	0 0	0 0	0	0 0	$0 \mid 0$	0 0	0 0	0	$0 \qquad 0$	$0 \mid 0$	0 0	0 0
$+ \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 1 \cdot \chi_{21} + 0 \cdot \chi_{22} + 1 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} \\ 8 - 8 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -$	$8 * E(3)^2$ $8 * E(3)$	0 0 0	$8 8*E(3)^2$	8 * E(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	0 0	0	0 0	0	0 0	0 0	0	0 0
$ + \chi_1 + 1 + \chi_2 + 1 + \chi_3 + 1 + \chi_4 + 0 + \chi_5 + 0 + \chi_6 + 0 + \chi_7 + 0 + \chi_8 + 0 + \chi_9 + 0 + \chi_{10} + 0 + \chi_{11} + 0 + \chi_{12} + 0 + \chi_{13} + 0 + \chi_{14} + 0 + \chi_{15} + 0 + \chi_{16} + 0 + \chi_{17} + 0 + \chi_{18} + 0 + \chi_{19} + 0 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 2 + \chi_{25} + 0 + \chi_{26} + 0 + \chi_{27} + 0 + \chi_{29} + 0 + \chi$	8 8	0 0 0	0 0	0 8	8 8	0 0	0 0	0 0	0 0	$0 \qquad 0 \qquad 0$	0	0 0	0 0	0 0	0 0	0	0 0	$0 \qquad 0$	0 0	0 0	0	0 0	0 0	0 0	0 0
$+ \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 2 \cdot \chi_{29} + 0 \cdot \chi_{30} = 8$	$8 * E(3)^2$ $8 * E(3)$	0 0 0	0 0	0 8	$8 * E(3)^2 8 * E(3)$	0 0	0 0	0 0	0 0	$0 \qquad 0 \qquad 0$	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	0 0
$\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 2 \cdot \chi_{30} \end{vmatrix} \\ 8 - 8 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -$	$8 * E(3)$ $8 * E(3)^2$	0 0 0	0 0	0 8	$8 * E(3) 8 * E(3)^2$	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	0 0	0 0	0	0 0	0 0	00	0 0
$ + \chi_1 + 0 + \chi_2 + 1 + \chi_3 + 0 + \chi_4 + 0 + \chi_5 + 0 + \chi_6 + 0 + \chi_7 + 0 + \chi_8 + 0 + \chi_9 + 0 + \chi_{10} + 0 + \chi_{11} + 0 + \chi_{12} + 0 + \chi_{13} + 0 + \chi_{14} + 0 + \chi_{15} + 0 + \chi_{16} + 0 + \chi_{17} + 0 + \chi_{18} + 1 + \chi_{19} + 1 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 1 + \chi_{25} + 1 + \chi_{26} + 0 + \chi_{27} + 0 + \chi_{28} + 0 + \chi_{29} + 0 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 1 + \chi_{25} + 1 + \chi_{26} + 0 + \chi_{27} + 0 + \chi_{28} + 0 + \chi_{29} + 0 + \chi$	8 8	0 0 0	0 0	0 0	0 0	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	0	0 0	0 0	0 0	0 0
$ + \chi_1 + 0 + \chi_2 + 0 + \chi_3 + 0 + \chi_4 + 0 + \chi_5 + 0 + \chi_6 + 1 + \chi_7 + 0 + \chi_8 + 0 + \chi_9 + 0 + \chi_{10} + 1 + \chi_{11} + 0 + \chi_{12} + 0 + \chi_{13} + 0 + \chi_{14} + 0 + \chi_{15} + 0 + \chi_{16} + 0 + \chi_{17} + 0 + \chi_{18} + 0 + \chi_{21} + 0 + \chi_{22} + 1 + \chi_{23} + 0 + \chi_{24} + 0 + \chi_{25} + 0 + \chi_{26} + 0 + \chi_{27} + 1 + \chi_{28} + 1 + \chi_{29} + 0 + \chi_{30} \end{vmatrix} = 8 $	$8 * E(3)^2$ $8 * E(3)$	0 0 0	0 0	0 0	0 0	$4 4 * E(3)^2$	4 * E(3) = 0	0 0	0 0	$0 \qquad 0$	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 6	0 0	0	0 0	0 0	0 0	0 0
$+\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 1 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 1 \cdot \chi_{30} = 8$	$8 * E(3)$ $8 * E(3)^2$	0 0 0	0 0	0 0	0 0	4 4*E(3)	$4 * E(3)^2 \mid 0$	0 0	0 0	$0 \qquad 0$	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 6	0 0	0	0 0	0 0	0 0	0 0
$+\chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 1 \cdot \chi_{25} + 1 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} \\ 8 - 2 \cdot \chi_{10} + 2 \cdot \chi_{10$	8 8	0 0 0	0 0	0 0	0 0	0 0	0 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	0 0	0 0	0 0 0
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 1 \cdot \chi_{28} + 1 \cdot \chi_{29} + 0 \cdot \chi_{30} \begin{vmatrix} 8 & 8 & 4 & 4 & 4 & 4 & 4 & 4 & 4 & 4 &$	$8 * E(3)^2$ $8 * E(3)$	0 0 0	0 0	$0 \qquad 0$	0 0	0 0	0 4	$4*E(3)^2$ $4*E(3)$	0 0	$0 \qquad 0 \qquad 0$	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 6	. 0 0	0	0 0	0 0	0 6	0 0 0
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 1 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 1 \cdot \chi_{30} \end{vmatrix} = 0$		0 0 0	0 0	0 0	0 0	0 0	$0 \qquad 4$	4*E(3) $4*E(3)$	0 0	0 0 0	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 (, 0 0	0	$0 \qquad 0$	0 0	0 6	0 0 0
$\frac{\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}}{4}$	4 4	4 4 4	4 4	4 4	4 4	0 0	0 0	0 0	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 6	0 0 0
$\frac{1}{1} + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} = 0$	$4 * E(3)$ $4 * E(3)^2$	4 4 * E(3) 4 * E(3)	$)^2 \mid 4 4*E(3)$	$4 * E(3)^2 \mid 4$	$4 * E(3) 4 * E(3)^2$		0 0	0 0	4 4 * E(3)	$4*E(3)^2 \mid 0 = 0$	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 (, 0 0	0	0 0	0 0	0 (0 0 0
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} = 4$	$4*E(3)^2$ $4*E(3)$	$4 4 * E(3)^2 4 * E(3)^2$	$(3) 4 4 * E(3)^2$	4 * E(3) 4	$4*E(3)^2$ $4*E(3)$	0 0	0 0	0 0	$4 4 * E(3)^2$	4*E(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 0 0
$\frac{\chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 1 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30}}{4} = 0$	4 4	4 4 4	0 0	0 0	0 0	2 2	2 2	2 2	0 0	0 2 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
$\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 1 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} = 0$	$4 * E(3)$ $4 * E(3)^2$	4 4 * E(3) 4 * E(3)	$)^{2} \mid 0 \qquad 0$	$0 \qquad 0$	0 0	2 2 * E(3)	$2 * E(3)^2$ 2	2 * E(3) 2 * E(3)	0 0	$0 \qquad 2 \qquad 2*E($	$E(3) 2*E(3)^2$	0 0	0 0	0 0	0 0	0	0 0	0 0	0 (0 0	0	1 0 0	0 0	0 (0 0 0
$\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 1 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 1 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{2$	$4*E(3)^2$ $4*E(3)$	$4 4 * E(3)^2 4 * E(3)^2$	$\stackrel{\checkmark}{8}) \mid 0 \qquad 0$	0 0	0 0	$2 2 * E(3)^2$	2 * E(3) 2	$2*E(3)^2$ $2*E(3)^2$	0 0	$0 \qquad 2 * E(3)$	$(3)^2 2 * E(3)$	0 0	0 0	0 0	0 0	0	0 0	0 0	0		0	1 0 0	0 0	0 (0 0 0
$\frac{\chi_{1} + \chi_{2} + \chi_{3} + \chi_{4} + \chi_{5} + \chi_$	4 4	0 0 0	4 4	4 0	0 0	4 4	4 0	0 0	0 0	0 0 0	0	4 4	4 0	0 0	0 0	0	0 0	0 0	0 (1 0 0	0	0 0	0 0	0 (0 0 0
$\frac{\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_{13} + 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_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 0 \cdot \chi_{11} + 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_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 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_{21} + 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_{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_{21} + 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_{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_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0$	$4 * E(3)^2 4 * E(3)$		$4 4 * E(3)^2$	4 * E(3) = 0	0 0	$4 4 * E(3)^2$	4*E(3) = 0	0 0		0 0 0	0	$4 4 * E(3)^2 4$	* E(3) 0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\stackrel{\circ}{0}$ $\stackrel{\circ}{0}$		0 0	0 (0 0	0	$\downarrow 0$ 0	0 0	0 (0 0 0
$\frac{\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{27} + 0$	$4 * E(3)$ $4 * E(3)^2$		4 4 * E(3)	$4 * E(3)^2 \mid 0$	0 0	4 4 * E(3)	$4*E(3)^2 \mid 0$	0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	4 4 * E(3) 4 *	$*E(3)^{2} \mid 0$	0 0	0 0	$\stackrel{\circ}{0}$ $\stackrel{\circ}{0}$		0 0	0 (0 0	0	1 0 0	0 0	0 (0 0 0
$\frac{\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30}}{4} = \frac{1}{2} \frac{1}{2$	4 4	0 0 0	4 4	4 0	0 0	0 0	0 4	4 4	0 0	0 0 0	0	0 0	0 4	4 4	0 0	0	0 0	0 0	$\frac{0}{\sqrt{0}}$	$\frac{1}{0}$		0 0	0 0	$\frac{0}{\sqrt{0}}$	$\frac{7}{0}$ 0 0
$\begin{array}{c} \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{array} \right) \\ \begin{array}{c} \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{array} \right) \\ \begin{array}{c} \chi_{1} + 0 \cdot \chi$	$4 * E(3)^2 4 * E(3)$		$4 4 * E(3)^2$	4 * E(3) = 0	0 0	0 0	$0 \begin{vmatrix} 1 \\ 4 \end{vmatrix}$	$4*E(3)^2$ $4*E(3)^2$			0	0 0	0 4 4*	$E(3)^2 4 * E(3)$	0 0	0		0 0	0 (, 0 0	0	1 0 0	0 0	0 ($ \begin{array}{c cccc} & 0 & 0 \\ & 0 & 0 \end{array} $
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} = 0$	$4 * E(3)$ $4 * E(3)^2$		$4 \times E(3)$	$4 * E(3)^2 \mid 0$	0 0	0 0	0 1 4	4 * E(3) $4 * E(3)$			0	0 0	0 4 4*	$E(3) = 4 * E(3)^{2}$	$\begin{pmatrix} 2 & 0 & 0 \\ 0 & 0 & 0 \end{pmatrix}$	0		0 0	0 (, 0 0	0	1 0 0	0 0	0 ($ \begin{array}{c cccc} & 0 & 0 \\ & 0 & 0 \end{array} $
$\frac{\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 1 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 1 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0$	$\frac{1 + L(0)}{4}$		0 0	$\frac{1+L(0)}{0}$	<u> </u>	2 2	9 9	$\frac{1+L(0)}{2}$	0 0	0 0 0	0	0 0	0 0	$\frac{D(0)}{0}$	2 2) 9	0 0	0 0	$\frac{0}{0}$	$\frac{1}{0}$				$\frac{}{}$	$\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$A \star E(3)$ $A \star E(3)^2$			0 4	$A \star E(3) = A \star E(3)^2$	$\frac{2}{2} 2 \times E(3)$	$2 * E(3)^2 \begin{vmatrix} 2 \\ 2 \end{vmatrix}$	$2 \star E(3) = 2 \star E(3)$			0	0 0		0 0	2 2 4	$E(3) = 2 \times E(3)^2$		0 0	0 (0		0 0	0 (
	$4*E(3)^2$ $4*E(3)$ $4*E(3)$			0 4	$A \star F(3)^2 \qquad A \star F(3)$	$\frac{2}{3} + \frac{2}{3} + \frac{E(3)}{2}$	2 * E(3) 2 $2 * F(3)$ 2	$2 \star E(3)$ $2 \star E(3)$ $2 \star F(3)^2$ $2 \star F(3)$			0	0 0	0 0	0 0	2 2 * 1	$E(3)^2 = 2 * E(3)$		0 0	0 (0		0 0	0 0	
$\frac{1}{\sqrt{1}} + \frac{1}{\sqrt{2}} + \frac{1}{\sqrt{3}} + \frac{1}{\sqrt{10}} + 1$	$\frac{4 * E(3)}{4} \qquad 4 * E(3)$		0 0	0 4	$\frac{4*E(3)}{0} \qquad \frac{4*E(3)}{0}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2*E(3)}{0}$	$\frac{2*E(3)}{0} = \frac{2*E(3)}{0}$	0 0	0 0 0	0	0 0	0 0	0 0	0 0	$\frac{D(3)}{D} = \frac{2 * D(3)}{D}$	9 9	2 0	$\frac{}{}$	$\frac{1}{0}$	0			$\frac{}{}$	$\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$
$ \begin{array}{c} \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_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 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} + 0 \cdot \chi_{30} \\ \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} + 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} + 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} + 0 \cdot \chi_{30} \\ \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_{11} + 0 \cdot \chi_{12} + 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} \\ \cdot \chi_{1} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{12} + 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_$	$4 * E(3) 4 * E(3)^2$	A = A + F(2) $A + F(2)$	$\binom{1}{2} \binom{0}{0} \binom{0}{0}$	0 0	0 0		0 0	0 0			0	0 0	0 0	0 0			$\begin{bmatrix} 2 & 2 \\ 2 & 2 & F(3) \end{bmatrix}$	$\frac{2}{2 + F(2)^2} \begin{vmatrix} 0 \\ 0 \end{vmatrix}$	0 0	, 0 0	0		0 0	0 0	
	- ' - (*)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8) 0 0	0 0	0 0		0 0	0 0			0	0 0	0 0	0 0			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2*E(3) = 0	0 (0		0 0	0 0	
70- 70- 70- 70- 70- 70- 70- 70- 70- 70-	$\frac{4 * E(3)}{4} \qquad 4 * E(3)$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0	0 0	4 4	0 0	0 0	0 0	0 0	0 0 0	0	0 0	0 0	0 0	0 0	0	$\begin{array}{c c} 2 & 2 * E(3) \\ \hline 0 & 0 \end{array}$	$\frac{2*E(3)}{0}$	$\frac{0}{2}$	0 0	0	0 0	0 0	0 0	$\frac{1}{0}$ $\frac{0}{0}$ $\frac{0}{0}$
$ \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_{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} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \right] $	$4 \qquad 4 \qquad 4 \qquad 4 \qquad F(2) \qquad 4 \Rightarrow F(2) \qquad 2 \qquad 4 \Rightarrow F(2) \qquad 4 \Rightarrow $			0 4	$4 \qquad 4$ $A = F(2) \qquad A = F(2)2$		0 0	0 0			0	0 0	0 0	0 0			0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 2 \end{bmatrix}$	$\frac{Z}{2}$ at $F(2)$ 2 at I	(2)2	0		0 0	0 0	
$\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 1 \cdot \chi_{30} \end{vmatrix}$	4*E(3) $4*E(3)$			$\begin{bmatrix} 0 & 4 \\ 0 & 4 \end{bmatrix}$	4*E(3) 4*E(3)		0 0	0 0			0	0 0	0 0	0 0			0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 2 \end{bmatrix}$	2*E(3) $2*E'$	$(3)^{-}$ 0 0	0		0 0	0 0	
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 1 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} \ 4 - 4 \cdot \chi_{10} + 0 \cdot \chi_{10}$	$\frac{4*E(3)^{2}}{2}$ $\frac{4*E(3)}{2}$	0 0	0 0	0 4	$\frac{4*E(5)^{2}}{2}$ $\frac{4*E(5)}{2}$	0 0	0 0	0 0	0 0	0 0 0	0	0 0	0 0	0 0	0 0	0	0 0	0 2	$\frac{2*E(3)^{2}}{2}$	$\frac{(3)}{(3)}$	0	0 0		$\frac{0}{0}$	$\frac{1}{0}$ $\frac{0}{0}$ $\frac{0}{0}$
$\chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} = 0$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{7}{2}$	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & 7 \end{bmatrix}$	$\begin{pmatrix} 2 & 2 \\ 0 & 0 & \Pi(0)^2 \end{pmatrix}$	$\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{7}{2}$	2 2	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & 2 \end{bmatrix}$	(a) 2	$\frac{2}{2}$	$\begin{bmatrix} 2 \\ -1 \end{bmatrix} \begin{bmatrix} 2 \\ 2 \end{bmatrix}$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	$\begin{bmatrix} 2 & 2 \\ 2 & 2 \end{bmatrix}$	$\frac{2}{2(9)^2}$	0 0	0 0	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	(a)2 a π (a)		0 0	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} = 2$	$2*E(3)^2$ $2*E(3)$	$2 + E(3)^2 + 2 + E(3)^2$	3) $2 \times E(3)^2$	2 * E(3) 2	$2*E(3)^2$ $2*E(3)$	$2 2 * E(3)^2$	2 * E(3) 2	$2*E(3)^2$ $2*E(3)$	$2 + E(3)^2$	2*E(3) 2 2*E(3)	$(3)^2 2*E(3)$	$2 + 2 * E(3)^2 + 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = $	*E(3) 2 2*	$E(3)^2 = 2 * E(3)$	(2) 2 2 * E	$E(3)^2 = 2 * E(3)$	0 0	0 0	0 0	2 2*E(3)	$(3)^2 2*E(3) \perp$	0 0	0 0	0 0	$\begin{bmatrix} 1 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$
$\frac{1}{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} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 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} + 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} + 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_{21} + 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_{21} + 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_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 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_{21} + 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_{21} + 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_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot $	$2*E(3)$ $2*E(3)^2$	2 2 * E(3) 2 * E(3)	$\frac{1}{2} \frac{2}{2} \frac{2*E(3)}{2}$	$2 * E(3)^2 = 2$	$2*E(3)$ $2*E(3)^2$	2 2*E(3)	$2*E(3)^2$ 2	2*E(3) 2*E(3)	$\frac{1}{2}$ $2*E(3)$	$2*E(3)^2$ 2 $2*E(3)^2$	$\frac{E(3)}{2*E(3)^2}$	2 + E(3) + 2 *	$*E(3)^2 2 2*$	$\frac{E(3)}{2*E(3)}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$E(3) = 2 * E(3)^2$	0 0	0 0	0 0	$\frac{2}{2*E}$	$(3) 2 * E(3)^2$	0 0	0 0	0 0	$\frac{1}{2}$ $\frac{0}{2}$ $\frac{0}{2}$
$1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \begin{vmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2$	$\frac{2}{2}$ $\frac{2}{2}$	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & 3 \end{bmatrix}$	$\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	0 0	$0 \qquad 0$	0 0	$\begin{vmatrix} 2 & 2 \\ 2 & 7 & 2 \end{vmatrix}$	$\frac{2}{7}$ 0 0	0	0 0	0 0	0 0	0 0	0	$\begin{bmatrix} 2 & 2 \\ 2 & 7 \end{pmatrix}$	$\frac{2}{2}$ 0	0 0	0 0	0 1	$\frac{2}{1}$ $\frac{2}{3}$ $\frac{2}{7}$	$\frac{2}{7}$	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \begin{vmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2$	$2*E(3)^2$ $2*E(3)$	$2 ext{ } 2*E(3)^2 ext{ } 2*E(3)^2$	3) $2 * E(3)^2$	2 * E(3) 2	$2*E(3)^2$ $2*E(3)$	0 0	0 0	0 0	$2 2 * E(3)^2$	2*E(3) = 0 0	0	0 0	0 0	0 0	0 0	0	$2 ext{ } 2 * E(3)^2$	2*E(3) = 0	0 0	0 0	0	$2 ext{ } 2 * E(3)^2$	2*E(3) = 0	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} + 1$	$2*E(3)$ $2*E(3)^2$	2 2 * E(3) 2 * E(3)	$)^2 \mid 2 2*E(3)$	$2*E(3)^2 \mid 2$	$2*E(3)$ $2*E(3)^2$	0 0	0 0	0 0	$\frac{2}{2} 2 * E(3)$	$2 * E(3)^2 \mid 0 \qquad 0$	0	0 0	0 0	0 0	0 0	0	2 2 * E(3)	$2*E(3)^2 \mid 0$	0 0	0 0	0	2 2 * E(3)	$2*E(3)^2 = 0$	0 0	$\frac{J}{J} = 0$
$\chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \begin{vmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2$	$\frac{2}{2}$ 2	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & 2 \end{bmatrix}$	$\frac{1}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ 2	$\frac{2}{2}$ 2	0 0	0 0	0 0	$\begin{vmatrix} 2 & 2 \\ -1 & -1 \end{vmatrix}$	$\frac{2}{2}$ 0 0	0	0 0	0 0	0 0	0 0	0	0 0	$0 \mid 2$	$\frac{2}{2}$ 2	0 0	0	0 0	$0 \mid 2$	$\frac{2}{2}$ 2	$\frac{2}{2}$ 0 0
$\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \begin{vmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2$	$2*E(3)^2$ $2*E(3)$	$2 2 * E(3)^2 2 * E(3)^2$	$(3) \mid 2 2*E(3)^2$	2 * E(3) 2	$2*E(3)^2$ $2*E(3)$	0 0	$0 \qquad 0$	0 0	$2 2 * E(3)^2$	$2 * E(3) \mid 0$ 0	0	0 0	$0 \qquad 0$	0 0	0 0	0	0 0	$0 \mid 2$	$2*E(3)^2$ $2*F$	$(3) \mid 0 = 0$	0	0 0	0 2 '	$2*E(3)^2$ $2*F$	$E(3) \mid 0 = 0$
$+\chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 0 \cdot \chi_{29} + 0 \cdot \chi_{30} \end{vmatrix} 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2$	$2 * E(3)$ $2 * E(3)^2$	2 2 * E(3) 2 * E(3)	$)^2 \mid 2 2*E(3)$	$2 * E(3)^2 \mid 2$	$2 * E(3)$ $2 * E(3)^2$	0 0	0 0	0 0	2 2*E(3)	$2 * E(3)^2 \mid 0 \qquad 0$	0	0 0	0 0	0 0	0 0	0	0 0	0 2	2*E(3) 2*E	$(3)^2 \mid 0 = 0$	0	0 0	0 2	2*E(3) 2*E	$\mathcal{L}(3)^2 \mid 0 = 0$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	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	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1 1
	— (-\:\:\	$\pm 1 = \pi/6$)? $\pi/6$)	1 1 F(2)2	$\Gamma(2)$ 1	$E(2)^2$ $E(2)$	\perp 1 $F(2)^2$	E(2) 1	$E(2)^2$ $E(2)$	1 F(2)2	$E(9) \mid 1 \mid E(9)$	F(3)	1 $F(2)^2$	F(3) 1 F	$E(3)^2 E(3)$	$\perp 1$ $E(:$	E(3) = E(3)	$1 E(3)^2$	$E(3) \mid 1$	$E(3)^2$ $E($	\exists) 1 $E(3)^{\circ}$	E(3)	$+1$ $E(3)^2$	$E(3) \mid 1$	$E(3)^2$ $E(1)^2$	$E(3) 1 E(3)^2$
$ + \chi_1 + 0 + \chi_2 + 0 + \chi_3 + 0 + \chi_4 + 0 + \chi_5 + 0 + \chi_6 + 0 + \chi_7 + 0 + \chi_8 + 0 + \chi_9 + 0 + \chi_{10} + 1 + \chi_{11} + 0 + \chi_{12} + 0 + \chi_{13} + 0 + \chi_{14} + 0 + \chi_{15} + 0 + \chi_{16} + 0 + \chi_{17} + 0 + \chi_{18} + 0 + \chi_{19} + 0 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 0 + \chi_{25} + 0 + \chi_{26} + 0 + \chi_{27} + 0 + \chi_{28} + 0 + \chi_{29} + 0 + \chi_{20} + 0 + \chi_{21} + 0 + \chi_{22} + 0 + \chi_{23} + 0 + \chi_{24} + 0 + \chi_{25} + 0 + \chi_{26} + 0 + \chi_{27} + 0 + \chi_{28} + 0 + \chi_{29} + 0 + \chi$	$E(3)^2$ $E(3)$ $E(3)$ $E(3)^2$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 E(3)	$E(3) \mid 1$	E(3) $E(3)$	1 L(3)	$E(3) \mid 1$	E(3) $E(3)$	1 L(3)	$E(3) \mid 1 \mid E(3)$	E(3)	L(3)	E(3) 1 E	L(0)	1 2(D(0)	_ ()	2(0)	E(0)	D(0)	D(0)	L(0)	<i>D</i> (0)	(-)	$E(3)^2$ 1 $E(3)$

- $P_2 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong \mathbb{C}_2$ $P_3 = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong \mathbb{C}_2$
- $P_4 = Group([(1,17)(2,24)(3,28)(4,31)(5,6)(7,35)(8,38)(9,10)(11,41)(12,13)(14,42)(15,16)(18,45)(19,20)(21,46)(22,23)(25,47)(26,27)(29,30)(32,48)(33,34)(36,37)(39,40)(43,44)]) \cong \mathbb{C}_2$ $P_5 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong \mathbb{C}_2$
- $P_6 = Group([(1,13)(2,20)(3,6)(4,27)(5,28)(7,10)(8,34)(9,35)(11,16)(12,17)(14,40)(15,41)(18,23)(19,24)(21,44)(22,45)(25,30)(26,31)(29,47)(32,37)(33,38)(36,48)(39,42)(43,46)]) \cong \mathbf{C2}$
- $P_7 = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(44,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(24,31)(14,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)] \\ \cong C_2 \times C_2 \times C_2 \times C_3 \times C_3 \times C_4 \times$ $P_8 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)] \\ \cong C_2 \times C_2 \times C_3 \times C_4 \times$
- $P_{10} = Group([(1,13)(2,20)(3,6)(4,27)(5,28)(7,10)(8,34)(9,35)(11,16)(12,17)(14,40)(15,41)(18,23)(19,24)(21,44)(22,45)(25,30)(26,31)(29,47)(32,37)(33,38)(36,48)(39,42)(43,46),(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,33)(20,35)(21,36)(23,38)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48)]) \cong C2 \times C2$
- $P_{11} = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,17)(2,24)(3,28)(4,31)(5,6)(7,35)(8,38)(9,10)(11,41)(12,13)(14,42)(15,16)(18,45)(19,20)(21,46)(22,23)(25,47)(26,27)(29,30)(32,48)(33,34)(36,37)(39,40)(43,44)] \\ \cong C_{11} \times C$ $P_{12} = Group([(1,2,6,10)(3,19,13,35)(4,8,16,23)(5,9,17,24)(7,28,20,12)(11,33,27,45)(14,21,30,37)(15,22,31,38)(18,41,34,26)(25,43,40,48)(29,36,42,46)(32,47,44,39), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong C4$
- $P_{13} = Group([(1,19,17,20)(2,28,24,3)(4,33,31,34)(5,7,6,35)(8,41,38,11)(9,13,10,12)(14,43,42,44)(15,18,16,45)(21,47,46,25)(22,27,23,26)(29,32,30,48)(36,40,37,39), (1,17)(2,24)(3,28)(4,31)(5,6)(7,35)(8,38)(9,10)(11,41)(12,13)(14,42)(15,16)(18,45)(19,20)(21,46)(22,23)(25,47)(26,27)(29,30)(32,48)(33,34)(36,37)(39,40)(43,44)]) \cong C4$ $P_{14} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,29)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(24,35)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(23,34)(24,35)(25,39)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(23,34)(24,35)(25,39)(27,41)(30,42)(32,34)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(23,34)(24,35)(25,39)(27,41)(30,42)(32,34)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(27,41)(30,42)(32,34)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(27,41)(30,42)(32,34)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(27,41)(30,42)(32,43)(34,45)(37,46)(40,47)(44,48), (1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(27,41)(30,42)(32,43)(34,45)(37,44)(38,45)(37,$
- $P_{15} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,20)(8,23)(25,34)$
- $P_{16} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,19)(8,22)(10,24)(11,26)(13,28)(14,29)(16,31)(18,34)(19,35)(21,37)(22,38)(25,39)(27,41)(30,42)(32,44)(33,45)(36,46)(39,47)(43,48), (1,19,17,20)(2,28,24,3)(4,33,31,34)(5,7,6,35)(8,41,38,11)(9,13,10,12)(14,43,42,44)(15,18,16,45)(21,47,46,25)(22,27,23,26)(29,32,30,48)(36,40,37,39)] \\ \cong C4 \times C2 + C4 \times$
- $P_{17} = Group([(1,5)(2,9)(3,12)(4,15)(6,17)(7,20)(8,23)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,2,6,10)(3,12)(4,15)(6,17)(7,20)(8,23)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,2,6,10)(3,12)(4,13)(4,13)(29,36)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,2,6,10)(3,12)(4,13)(4,$

- $N_5 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(2,7)(4,11)(5,12)(6,13)(2,34)(24,35)(22,33)(23,34)(24,35)(24,37)(22,33)(23,34)(24,35)(24,37)(34,14)(34,35)(24,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(34,45)(19,32)(21,32)(22,33)(23,34)(24,35)(24,37)(24,35)(24,37)(24,37)(24,35)(24,37$
- $x_{1}, x_{2}, x_{3}, x_{4}, x_{5}, x_{5},$
- $N_9 = Group([(1,5)(2,9)(3,12)(4,15)(6,13)(2,3)(14,25)(15,22)(14,35)(24,35)(24,35)(24,35)(25,34)(25,34)(25$

- $N_{13} = Group([(1,19,17,20)(2,28,24,3)(4,31)(5,6)(7,35)(8,34)(20,34)(14,20)(15,16)(13,24)(14,20)(15,16)(13,24)(14,20)(15,16)(13,24)(14,20)(15,16)(13,24)(15,16)(13,24)(15,16)(13,24)(15,16)(13,24)(15,16)($
- (33, 34)(13,