	1a	3a	3b	2a	6a	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	2b	6c	6d	2c	6e	6f	2d	-6g	6h	2e	6i	6j	2f	6k	6l	2g	6m	6n
ν,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	_ 9	1	1
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
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
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
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
χ_5	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_6	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
χ_7	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_8	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$
χ_9	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	-1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^{2}$
χ_{10}	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	-1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	_1 _1	-E(3)	$-E(3)^{2}$
χ_{11}	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	_1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	_1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$
χ_{12}	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	_1	-E(3)	$-E(3)^2$	_1	-E(3)	$-E(3)^2$	_1 _1	-E(3)	$-E(3)^{2}$
χ_{13}	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	-1	-E(3)	$-E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	_1	-E(3)	$-E(3)^{2}$		E(3)	$E(3)^{2}$
χ_{14}	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	-1	-E(3)	$-E(3)^{2}$	_1 _1	-E(3)	$-E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^{2}$
χ_{15}	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^2$	1	E(3)	$E(3)^2$	1	E(3)	$E(3)^2$	_1 _1	-E(3)	$-E(3)^{2}$
χ_{16}	1	$E(3)^2$	E(3)	- ₁	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	- ₁	$E(3)^2$	E(3)
χ_{17}	1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	1	$E(3)^2$	E(3)	-1	$-E(3)^2$	-E(3)	1	$E(3)^2$	E(3)	1	$-E(3)^2$	-E(3)	1	$E(3)^2$	E(3)	-1	$-E(3)^2$	-E(3)
χ_{18}	1	$E(3)^2$	E(3)	- ₁	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	-1	$-E(3)^2$	-E(3) - E(3)	1	$E(3)^2$	E(3)	-1 1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	-1 -1	$-E(3)^2$	-E(3)
χ_{19}	1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	-1 -1	$-E(3)^2$	-E(3) -E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	<u> </u>	$-E(3)^2$	-E(3)	-1 -1	$-E(3)^2$	-E(3) - E(3)	- ₁	$E(3)^2$	E(3)
χ_{20}	1	$E(3)^2$	E(3)	- ₁	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	-1 -1	$-E(3)^2$	-E(3) - E(3)	-1 -1	$-E(3)^2$	-E(3) - E(3)	_1 _1	$-E(3)^2$	-E(3)
χ_{21}	1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	1	$E(3)^2$	E(3)	_1	$-E(3)^2$	-E(3)	-1 -1	$-E(3)^2$	-E(3) - E(3)	- ₁	$E(3)^2$	E(3)	-1 -1	$-E(3)^2$	-E(3) -E(3)	-1 1	$E(3)^2$	E(3)
χ_{22}	1	E(3)	E(3)	-1 1	$E(3)^2$	E(3)	_1 _1	$-E(3)^2$	-E(3)	$-1 \\ -1$	$-E(3)^2$	-E(3) -E(3)	1	$-E(3)^2$	-E(3) - E(3)	_1 _1	$-E(3)^2$	-E(3)	- ₁	$E(3)^2$	E(3)	1	$E(3)^2$	E(3) $E(3)$
χ_{23}	1	$E(3)^2$ $E(3)^2$		1	$-E(3)^2$		-1 1	$-E(3)^2$		-1 1	\ /		-1 1	$-E(3)^2$	-E(3) - E(3)	-1 1	\ /		1			1	$-E(3)^2$	
χ_{24}	1	£(3)	E(3)	-1	-E(3)-	-E(3)	-1	$-E(3)^{-}$	-E(3)	1	$E(3)^2$	E(3)	-1	-E(3)	-E(3)	1	$E(3)^2$	E(3)	1	$E(3)^2$	E(3)	-1	-E(3)-	-E(3)

Trivial source character table of $G \cong C6 \times C2 \times C2$ at $p = 2$:																					
Normalisers N_i	N_1	N_2	N_3	N_4		N_5	N_6	N_7	7	N_8	N_9		N_{10}	N_{11}	N_{12}	2	N_{13}	ſ	$\sqrt{14}$	N_{15}	N_{16}
p-subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4		P_5	P_6	P_7	7	P_8	P_9		P_{10}	P_{11}	P_{12}	2	P_{13}	J	14	P_{15}	P_{16}
Representatives $n_j \in N_i$	a 3a 3b	1a $3a$ $3b$	1a $3a$	3b $1a$ $3a$	3b $1a$ 3	a = 3b = 1a	3a $3b$	1a $3a$	3b $1a$ 3	a = 3b = 1a	3a	3b $1a$ $3e$	3b $1a$	3a $3b$	1a $3a$	3b $1a$	3a 3	o 1 a 3 a	3b $1c$	a $3a$ $3b$	1a 3a 3b
$\boxed{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$		0 0 0	0 0	0 0 0	0 0 0	0 0	0 0	0 0	0 0	$0 \qquad 0$	0	$0 \qquad 0$	0 0	0 0	0 0	0 0	0 0	\int 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 + 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_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \ \right $		0 0 0	0 0	$0 \qquad 0$	0 0 0	0 0	0 0	0 0	$0 \qquad 0$	$0 \qquad 0$	0	$0 \qquad 0$	0 0	0 0	0 0	0 0	0 0	$\theta = 0$	0 0	0 0	
$ \left[\begin{array}{cccccccccccccccccccccccccccccccccccc$	$8 8 * E(3)^2 8 * E(3)$	0 0 0	0 0	0 0 0	0 0 0	0 0	0 0	0 0	0 0	0 0	0	$0 \qquad 0 \qquad 0$	0 0	0 0	0 0	0 0	0 0	$\theta = 0$	0 0	0 0	0 0 0
$\left \ 1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \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_{23} + 0 \cdot \chi_{24} \ \right $		4 4 4	0 0	$0 \qquad 0$	0 0 0	$0 \qquad 0$	0 0	0 0	$0 \qquad 0$	$0 \qquad 0$	0	$0 \qquad 0 \qquad 0$	$0 \qquad 0$	0 0	0 0	0 0	0 0	$\theta = 0$	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} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 1 \cdot \chi_{19} + 0 \cdot \chi_{20} + 1 \cdot \chi_{21} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \ \right $				$0 \qquad 0 \qquad 0$	0 0 0	0 0	0 0	0 0	$0 \qquad 0$	0 0	0	$0 \qquad 0 \qquad 0$	$0 \qquad 0$	0 0	0 0	0 0	0 0	$I = \begin{bmatrix} 0 & 0 \end{bmatrix}$	0 0	0 0	
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$	$4 4 * E(3) 4 * E(3)^2$	4 4 * E(3) 4 * E(3)	$(3)^2 \mid 0 = 0$	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	0 0	0 0	, 0 0	0 0	0 0	0 0 0
$\left \ 1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \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} \right $	$4 \qquad 4 \qquad 4 \qquad $	0 0 0	4 4	$4 \qquad 0 \qquad 0$	0 0 0	$0 \qquad 0$	0 0	0 0	$0 \qquad 0$	$0 \qquad 0$	0	$0 \qquad 0$	0 0	0 0	0 0	0 0	0 0	$\theta = 0$	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} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 1 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \right $		0 0 0	$4 4 * E(3)^2 4$	_(0)	0 0 0	0 0	0 0	0 0	$0 \qquad 0$	$0 \qquad 0$	0	$0 \qquad 0$	0 0	0 0	0 0	0 0	0 0	$I = \begin{bmatrix} 0 & 0 \end{bmatrix}$	0 0	0 0	
$\boxed{0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$	$4 4 * E(3) 4 * E(3)^2$	0 0 0	4 4*E(3) 4*	$E(3)^2 = 0 = 0$	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
$\left \ 1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \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} \ \right $	$4 \qquad 4 \qquad 4 \qquad $	0 0 0	0 0	0 4 4	4 0 0	0 0	0 0	0 0	$0 \qquad 0$	0 0	0	$0 \qquad 0 \qquad 0$	$0 \qquad 0$	0 0	0 0	0 0	0 0	$I = \begin{bmatrix} 0 & 0 \end{bmatrix}$	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} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 1 \cdot \chi_{20} + 1 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} \right $		0 0 0	$\mid 0 \qquad 0$	$0 4 4 * E(3)^2$	1 2 (0)	0 0	0 0	0 0	$0 \qquad 0$	$0 \qquad 0$	0	$0 \qquad 0 \qquad 0$	0 0	0 0	0 0	$0 \qquad 0$	0 0	, 0 0	0 0	0 0	
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$	$4 4 * E(3) 4 * E(3)^2$	0 0 0	0 0	0 $4 4 * E(3)$	$4*E(3)^2 = 0$	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
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$	4 4 4	0 0 0	$\begin{vmatrix} 0 & 0 \end{vmatrix}$	0 0 0	0 4 4	4 0	0 0	0 0	$0 \qquad \mid 0$	$0 \qquad 0 \qquad 0$	0	0 0 0	0 0	0 0	0 0	$0 \qquad \mid 0$	0 0	, 0 0	0 0	0 0	0 0 0
$ \left \begin{array}{cccccccccccccccccccccccccccccccccccc$		0 0 0	$\begin{bmatrix} 0 & 0 \end{bmatrix}$	0 0	$0 \qquad 4 4*E$	$(3)^2 4 * E(3) \mid 0$	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	$0 \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \end{bmatrix}$	0 0	0 0	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$. , , , ,	0 0 0	0 0	0 0 0	$0 \qquad 4 \qquad 4*I$	$\frac{E(3)}{E(3)} = 4 * E(3)^2 = 0$	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
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$		0 0 0	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0	$0 \qquad \ 4$	$\frac{4}{2}$	0 0	$0 \mid 0$	$0 \qquad 0$	0	0 0 0	0 0	0 0	0 0	0 0	0 0	$\begin{pmatrix} & & & 0 & & & & & & & & & & & & & & & $	0 0	0 0	$\begin{bmatrix} 0 & 0 & 0 \end{bmatrix}$
$ \left \begin{array}{cccccccccccccccccccccccccccccccccccc$	` ' '	0 0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 1 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0 0	$0 \qquad \ 4 \qquad $	$4*E(3)^2$ $4*E(3)^2$	$\begin{pmatrix} 3 \\ 1 \end{pmatrix} = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$	$0 \qquad \mid 0$	$0 \qquad 0 \qquad 0$	0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\frac{1}{2}$ 0 0	0 0	0 0	
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$	$4 + 4 * E(3) + 4 * E(3)^2$	0 0 0	0 0	0 0 0	0 0 0	0 4	4*E(3) $4*E(3)$	$(0)^2 = 0$	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
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0	0 0	0 0 0	0 0 0	$0 \qquad \mid 0$	0 0	4 4	$\frac{4}{2}$	$0 \qquad 0 \qquad 0$	0	0 0 0	$0 \qquad \mid 0$	0 0	0 0	$0 \qquad \mid 0$	0 0	, 0 0	0 0	0 0	
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$		0 0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 0	$0 \qquad \mid 0$	0 0	$4 4 * E(3)^2$	\ /_	$0 \qquad 0 \qquad 0$	0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$0 \qquad \mid 0$	0 0	$\frac{1}{2}$ 0 0	$0 \qquad 0$	0 0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$		0 0 0	0 0	0 0 0	0 0 0	0 0	0 0	4 4 * E(3)	$4*E(3)^2 = 0$	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
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	I	0 0 0		$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	0 0 0	$0 \mid 0$	0 0	0 0	$\begin{array}{c c} 0 & 4 \\ 4 & 4 \end{array}$	$\frac{4}{3}$ $\frac{4}{3}$ $\frac{1}{3}$ $\frac{1}{3}$	0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0		$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 1 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 1 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $. , , , , , , , , , , , , , , , , , , ,	0 0 0		$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	0 0 0	$0 \mid 0$	0 0	0 0	$0 \qquad 4 4*1$	$E(3)^2 4 * E(3) 0$	0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0		$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	$\frac{4}{3} + \frac{4 * E(3)}{3} + \frac{4 * E(3)^2}{3}$	0 0 0	0 0	0 0 0	0 0 0	0 0	0 0	0 0	0 4 4*	$E(3) = 4 * E(3)^2 = 0$	0	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & 2 \end{bmatrix}$	0 0 0	$\begin{bmatrix} 2 & 2 \\ 2 & 2 \end{bmatrix}$	$\begin{bmatrix} 2 & 0 & 0 \\ F(2)^2 & 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2} \left \begin{array}{c} 0 \\ 0 \end{array} \right $	0 0	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	2	$\frac{2}{\Gamma(2)^2} \begin{vmatrix} 0 & 0 \\ 0 & 0 \end{vmatrix}$	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0		$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 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} \end{vmatrix} $		0 0 0	2 2 * E(3) 2 *	\ /	-	$E(3) = 2 * E(3)^2 = 0$	0 0	\ /_	$2*E(3)^2 \mid 0$	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	2*E(3) 2*	$E(3)^2 \mid 0 \qquad 0$	$0 \mid 0$	0 0		0 0	0 0		0 0	0 0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$		0 0 0	$2 2*E(3)^2 2*E(3$	*E(3) 0 0	$0 \qquad 2 \qquad 2*E$	$(3)^2 2*E(3) 0$	0 0	$2 2 * E(3)^2$	2 * E(3) 0	$\frac{0}{2}$	$2*E(3)^2$ 2*	*E(3) 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	0 0	$\begin{bmatrix} 0 & & 0 \\ 0 & & 0 \end{bmatrix}$	0 0	0	$\begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} 2 \\ 2 \end{bmatrix} \begin{bmatrix} 2 \\ 0 \end{bmatrix}$	$\frac{2}{2}$ 0	0 0		$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 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_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $				$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$0 \qquad 2 \qquad 2*I$	$E(3) = 2 * E(3)^2 = 2$	_ (0) _ (0)	$\frac{1}{2} \frac{1}{2} \frac{1}$	0 0	0 0	0	·	$(3) 2*E(3)^2 \mid 0$	0 0		0 0	0 0		0 0	0 0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 1 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$		$\frac{2}{2} + \frac{2*E(3)^2}{2} + \frac{2*E(3)^2}{2}$	3) 0 0	0 0 0	$0 \qquad 2 \qquad 2*E$	$(3)^2 2*E(3) 2$	$2*E(3)^2$ $2*E(3)^2$	3) 0 0	0 0	$\frac{0}{2}$	0	$0 \qquad 2 \qquad 2*E$	$(3)^2 2*E(3) 0$	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
$\left \begin{array}{cccccccccccccccccccccccccccccccccccc$	_	0 0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2} = 0$	0 0	0 0	$\begin{array}{c c} 0 & 2 \\ 2 & 2 \end{array}$	$\begin{bmatrix} 2 & 2 & 0 \\ T(s) & s & T(s)^2 \end{bmatrix}$	0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	$\begin{array}{c c} 0 & 2 \\ 2 & 2 \end{array}$	$\frac{2}{2}$	$\frac{1}{2}$ $\frac{0}{2}$ $\frac{0}{2}$	$0 \qquad \mid 0$	0 0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	$0 \qquad 0$	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 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} \end{vmatrix} $		0 0 0		\ \ /	$2*E(3)^2$ 2 $2*E($		0 0			$E(3) 2 * E(3)^2 \mid 0$	0	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	· -	2*E(3) $2*E(3)$. " " " " " " " " " " " " " " " " " "	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0	0 0	0 0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{2}{2} + \frac{2 * E(3)^2}{2} + \frac{2 * E(3)}{2}$	$\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$	0 0	$\frac{0}{2} \frac{2 * E(3)^2}{2}$	2 * E(3) $2 * E(3)$	$\frac{(3)^2}{0} = \frac{2 * E(3)}{0} = 0$	0 0	0 0	0 2 $2*1$	$E(3)^2 2 * E(3) 0$	0	0 0 0	$0 \qquad 2$	$2*E(3)^2$ $2*E$	(3) 0 0	0 0	0 0	$0 \qquad 0$	0 0	0 0	
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	$\begin{bmatrix} 2 & 2 & 2 \\ 0 & 0 & F(2) & 0 & F(2)^2 \end{bmatrix}$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$	$\begin{bmatrix} 2 & 2 & 2 \\ -E(2)^2 & 0 & 0 \end{bmatrix}$	$\frac{2}{2} = 0$	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$	0 0		0 0		0	0 0 0	0 0	0 0	$\begin{bmatrix} 2 & 2 \\ 0 & 0 & F(2) \end{bmatrix}$	$\frac{2}{2}$ 0	0 0		0 0	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \\ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 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_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \\ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_{19} + 0 \cdot \chi_{19$		$2 \times E(3) \times E(3)$	$(3)^2 \mid 2 \mid 2*E(3) \mid 2*$		$2*E(3)^2 = 0$	0 0	0 0		0 0		0	0 0 0	0 0	0 0	2 2 * E(3)	$2*E(3)^2 \mid 0 \\ 2*E(3) \mid 0$	0 0	0 0	0 0	0 0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 1 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$		$\frac{2}{0} \frac{2*E(3)^2}{0} \frac{2*E(3)^2}{0}$	$\frac{3)}{2} \frac{2 * E(3)^2}{2} \frac{2}{3}$	$*E(3)$ 2 $2*E(3)^2$	2*E(3) 0 0	0 0	0 0	0 0	0 0	$\frac{0}{0}$	0	0 0 0	0 0	0 0	$\frac{2}{0} \frac{2*E(3)^2}{0}$	2*E(3) = 0	0 0	$0 \qquad 0$	0 0	0 0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$		0 0 0	$\begin{bmatrix} 2 & 2 \\ 0 & 0 \\ \end{bmatrix}$	$\begin{bmatrix} 2 & 0 & 0 \\ E(2)^2 & 0 & 0 \end{bmatrix}$	0 0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 3 \end{bmatrix}$	2 2 2 $3 \cdot E(2) = 0 \cdot E(2)$	0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 2 \end{bmatrix}$	$E(2)$ 0 $E(2)^2$ 0	0	0 0 0	0 0	0 0		$\begin{bmatrix} 0 & 2 \\ 0 & 3 \end{bmatrix}$	2 2 2 $3 \cdot E(2) \cdot 3 \cdot E(3)$	$\frac{1}{7(2)^2} \begin{vmatrix} 0 & 0 \\ 0 & 0 \end{vmatrix}$	0 0	0 0	
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \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_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 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_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \\ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_{19} + 0 \cdot \chi_{19$		0 0 0	2 2 * E(3) 2 *	· /	0 0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 3 \end{bmatrix}$	2*E(3) = 2*E(3)	0 0		$E(3) 2 * E(3)^2 \mid 0$	0	0 0 0	0 0	0 0			2*E(3) $2*E(3)$	` /	0 0	0 0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{2}{2} + \frac{2 * E(3)}{2} + \frac{2 * E(3)}{2}$	0 0 0	$2 2*E(3)^2 2$	*E(3) 0 0	0 0 0	0 2	$2*E(3)^{-}$ $2*E(3)^{-}$	3) 0 0	0 2 2 * 1	$E(3)^2 = 2 * E(3) = 0$	0	0 0 0	0 0	0 0	0 0	0 2 2	$2*E(3)^2$ $2*E(3)^2$	$\frac{1}{2}(3) = 0$	0 0	0 0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & E(2) \end{bmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0		0 0 0	0 0	0 0	$\begin{bmatrix} 2 & 2 \\ 0 & 0 & F(2) \end{bmatrix}$	$\begin{bmatrix} 2 & 2 \\ 2 & 2 \end{bmatrix}$	$E(2)$ 0 $E(2)^2$ 0	0	0 0 0	0 0	0 0		0 0	0 0	$\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{0}{6}$	0 0	
$\begin{bmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{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_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + $		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{pmatrix} 0 \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$	$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$	0 0	$0 \mid 0$	0 0	(-)	. / /	$E(3) 2 * E(3)^2 0$	U		$0 \mid 0$	0 0		$\begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0 0		3) $2 * E(3)^2 \mid 0$ 3) ² $2 * E(3) \mid 0$	0 0	
$\frac{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 1 \cdot \chi_{23} + 0 \cdot \chi_{24}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0$	$2 2 * E(3)^2 2 * E(3)$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0	0 0 0	0 0 0	0 0	0 0	$\frac{2}{2} \frac{2 * E(3)^2}{2}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2}(3)$ $\frac{2*E(3)}{2}$ $\frac{0}{2}$	0	0 0 0	0 0	0 0	0 0	0 0	0 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{1 2 * E(3) 0}{0 c}$	$\frac{0}{2}$	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \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_1 + 0 \cdot \chi_2 + 0 \cdot \chi_1 + 0 $	$\begin{bmatrix} 2 & 2 & 2 \\ 2 & 2 & F(2) \end{bmatrix}$	0 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{2}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \end{bmatrix}$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	$\frac{2}{2}$ $\frac{1}{2}$ $\frac{0}{2}$	$0 \qquad 0$	0		$0 \mid 0$	0 0		0 0	0 0	0 0	$\begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} 2 \\ c \end{bmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\frac{1}{2}$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 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} \\ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 $		0 0 0		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	()	$\begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} 2 \\ 2 \end{bmatrix}$	2 * E(3) = 2 * E(3)	$\begin{pmatrix} 2 & 2 & E(3) \\ 2 & 2 & E(2)^2 \end{pmatrix}$	$2 * E(3)^{-} \mid 0$		0		$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0 0		$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	0 0	0 0	$\begin{bmatrix} 0 & 2 \\ 0 & 3 \end{bmatrix}$	2 * E(3) = 2 * E(3) $2 * E(3)^2 = 2 * E(3)$	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		1 1 1	U U	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2*E(3) = 0	1 1	$\frac{\angle * E(3)^{-} \angle * E(4)^{-}}{1}$	$\frac{3}{1}$ $\frac{2}{1}$ $\frac{2*E(3)^2}{1}$	$\frac{2*E(3)}{1}$ $\frac{0}{1}$	U U	1	1 1 1	1 1	1 1	1 1	1 1	1 1	1 1 1	1 1	$\frac{2*E(3)^{-} 2*E(1)}{1}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} +$	2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$2 \begin{vmatrix} 1 & 1 \\ 1 & F(9) \end{vmatrix}$	$\frac{1}{F(2)^2}$ $\frac{1}{1}$ $\frac{1}{F(2)}$	$\frac{1}{F(2)^2} \mid \frac{1}{1} \frac{1}{F(2)^2} \mid \frac{1}$	$\frac{1}{F(2)^2} \mid \frac{1}{1}$	F(2) $F(2)$	$\begin{bmatrix} 1 & 1 \\ 1 & E/9 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{1}{(2)}$ $\frac{1}{F(2)^2}$ $\frac{1}{1}$	F(2) E	$\frac{1}{7(2)^2} \mid \frac{1}{1} \frac{1}{5(2)^2}$	$\frac{1}{F(2)^2} \begin{vmatrix} 1 \\ 1 \end{vmatrix}$	$F(S) \qquad F(S)$	$\begin{pmatrix} 1 & 1 \\ 1 & E(2) \end{pmatrix}$	$\frac{1}{F(2)^2} \mid \frac{1}{1}$	F(3) E(4	$\frac{1}{2}$ $\frac{1}{1}$ $\frac{1}{E(2)}$	$\frac{1}{F(2)^2} \left \frac{1}{1} \right $	$E(3)$ $E(3)^{2}$	$(1 \ 1 \ E(3) \ E(3)^2)$
$\begin{bmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \\ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + $		$\begin{array}{cccc} 1 & E(3) & E(3) \\ 1 & E(3)^2 & E(3) \end{array}$	$\begin{bmatrix} 1 & E(3) & I \\ 1 & F(3)^2 \end{bmatrix}$	F(3) 1 $E(3)$	E(3) 1 $E(3)$ 1 $E(3)$	$\frac{E(3)}{F(2)} = \frac{1}{1}$	E(3) $E(3)$	$\begin{bmatrix} 1 & E(3) \\ 1 & E(2)^2 \end{bmatrix}$	$E(3)$ $\begin{bmatrix} 1 & E \\ E(3) & 1 \end{bmatrix}$	$\frac{E(3)}{3}$ $\frac{E(3)}{E(3)}$ $\frac{1}{1}$	$E(3)$ $E(3)^2$	E(3) 1 $E(3)$	$\frac{E(3)}{F(2)} = \frac{1}{1}$	E(3) $E(3)$	$\frac{1}{2}$ $\frac{E(3)}{1}$	$\frac{E(0)}{F(2)} \mid \frac{1}{1}$	E(3) $E(3)$	$\frac{1}{2}$ $\frac{1}{1}$ $\frac{E(3)}{E(2)}$	$\frac{E(3)}{F(2)} = \frac{1}{1}$	E(3) = E(3) $E(3)^2 = E(3)$	
$\boxed{0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}$	1 $E(3)$ $E(3)$	1 $E(3)^2$ $E(3)$	1 L(3)	$E(3) = 1$ $E(3)^2$	$E(\mathfrak{d}) = 1 = E(\mathfrak{d})$	$E(\mathfrak{d}) \mid 1$	$E(3)^2 \qquad E(3)$	1 E(3)2	$E(3) \mid 1 E(3)$	$D_j = D(0) + 1$	E(3)	$L(0) \mid 1 \mid L(3)$	$L(\mathfrak{d})$	$E(3)^2$ $E(3)$	$\frac{D}{D} = \frac{1}{1} \frac{E(3)^2}{1}$	$E(\mathfrak{d})$ 1	$E(\mathfrak{d})$	$\underline{S} = 1$ $\underline{E}(3)^2$	E(3) 1	$\underline{\qquad} \underline{\qquad} \underline{\qquad} \underline{\qquad} \underline{\qquad} \underline{\qquad} \underline{\qquad} \underline{\qquad} $	f = F(3) = F(3)

 $P_2 = Group([(5,6)]) \cong C2$ $P_3 = Group([(3,4)]) \cong C2$ $P_4 = Group([(3,4)(5,6)]) \cong C2$ $P_5 = Group([(1,2)]) \cong C2$ $P_6 = Group([(1,2)(5,6)]) \cong C2$ $P_7 = Group([(1,2)(3,4)]) \cong C2$ $P_8 = Group([(1,2)(3,4)(5,6)]) \cong C2$ $P_9 = Group([(3,4),(1,2)]) \cong C2 \times C2$ $P_{10} = Group([(5,6),(1,2)]) \cong C2 \times C2$ $P_{11} = Group([(3,4)(5,6),(1,2)]) \cong C2 \times C2$ $P_{12} = Group([(5,6),(3,4)]) \cong C2 \times C2$ $P_{13} = Group([(3,4),(1,2)(5,6)]) \cong C2 \times C2$ $P_{14} = Group([(5,6),(1,2)(3,4)]) \cong C2 \times C2$ $P_{15} = Group([(3,4)(5,6),(1,2)(5,6)]) \cong C2 \times C2$

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

 $P_{16} = Group([(5,6),(3,4),(1,2)]) \cong C2 \times C2 \times C2$ $N_1 = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$ $N_2 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_3 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_4 = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$ $N_5 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_6 = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$ $N_7 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_8 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_9 = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_{10} = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_{11} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$ $N_{12} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$ $N_{13} = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_{14} = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$

 $N_{15} = Group([(1,2),(3,4),(5,6),(7,8,9)]) \cong C6 \times C2 \times C2$ $N_{16} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9)]) \cong C6 \times C2 \times C2$