| 1 | a $2a$ | 2b | 3a | 5a | 2c | 6a | 6b | 10a | 3b | 15a | 5b | 6c | 6d | 6e | 30a | 10b | 15b | 15c | 6f | 30b | 30c | 15d | 30d |
|--------------------|--------|--------|--------------|-------------------|----|------------|--------------|--------------------|--------------|---|-------------------|------------|------------|--------------|----------------------------|--------------------|---------------------------|---------------------------|------------|----------------------------|----------------------------|---------------------------|----------------------------|
| 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 |
| 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 |
| 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 |
| χ_5 1 | 1 - 1 | -1 | $E(3)^{2}$ | 1 | 1 | $-E(3)^2$ | $-E(3)^2$ | -1 | E(3) | $E(3)^{2}$ | 1 | $E(3)^{2}$ | -E(3) | -E(3) | $-E(3)^2$ | -1 | E(3) | $E(3)^{2}$ | E(3) | -E(3) | $-E(3)^2$ | E(3) | -E(3) |
| χ_6 1 | 1 - 1 | -1 | E(3) | 1 | 1 | -E(3) | -E(3) | -1 | $E(3)^{2}$ | E(3) | 1 | E(3) | $-E(3)^2$ | $-E(3)^2$ | -E(3) | -1 | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | $-E(3)^2$ | -E(3) | $E(3)^{2}$ | $-E(3)^2$ |
| χ_7 1 | 1 - 1 | 1 | $E(3)^{2}$ | 1 | -1 | $-E(3)^2$ | $E(3)^{2}$ | 1 | E(3) | $E(3)^{2}$ | 1 | $-E(3)^2$ | -E(3) | E(3) | $E(3)^{2}$ | 1 | E(3) | $E(3)^{2}$ | -E(3) | E(3) | $E(3)^{2}$ | E(3) | E(3) |
| $\chi_8 \mid 1$ | 1 - 1 | 1 | E(3) | 1 | | -E(3) | E(3) | 1 | $E(3)^{2}$ | E(3) | 1 | -E(3) | $-E(3)^2$ | $E(3)^{2}$ | E(3) | 1 | $E(3)^{2}$ | E(3) | $-E(3)^2$ | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | $E(3)^{2}$ |
| $\chi_9 \mid 1$ | 1 1 | -1 | $E(3)^{2}$ | 1 | -1 | $E(3)^{2}$ | $-E(3)^2$ | -1 | E(3) | $E(3)^{2}$ | 1 | $-E(3)^2$ | E(3) | -E(3) | $-E(3)^2$ | -1 | E(3) | $E(3)^{2}$ | -E(3) | -E(3) | $-E(3)^2$ | E(3) | -E(3) |
| $\chi_{10} \mid 1$ | 1 1 | -1 | E(3) | 1 | -1 | E(3) | -E(3) | -1 | $E(3)^{2}$ | E(3) | 1 | -E(3) | $E(3)^{2}$ | $-E(3)^2$ | -E(3) | -1 | $E(3)^{2}$ | E(3) | $-E(3)^2$ | $-E(3)^2$ | -E(3) | $E(3)^{2}$ | $-E(3)^2$ |
| $\chi_{11} \mid 1$ | 1 1 | 1 | $E(3)^{2}$ | 1 | 1 | $E(3)^{2}$ | $E(3)^{2}$ | 1 | E(3) | $E(3)^{2}$ | 1 | $E(3)^{2}$ | E(3) | E(3) | $E(3)^{2}$ | 1 | E(3) | $E(3)^{2}$ | E(3) | E(3) | $E(3)^{2}$ | E(3) | E(3) |
| $\chi_{12} \mid 1$ | 1 1 | 1 | E(3) | 1 | 1 | E(3) | E(3) | 1 | $E(3)^{2}$ | E(3) | 1 | E(3) | $E(3)^{2}$ | $E(3)^{2}$ | E(3) | 1 | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | $E(3)^{2}$ |
| χ_{13} 2 | 2 0 | 2 | 2 | $E(5) + E(5)^4$ | 0 | 0 | 2 | $E(5) + E(5)^4$ | 2 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | 0 | 2 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ |
| $\chi_{14} \mid 2$ | 2 0 | 2 | 2 | $E(5)^2 + E(5)^3$ | 0 | 0 | 2 | $E(5)^2 + E(5)^3$ | 2 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | 0 | 2 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ |
| χ_{15} 2 | 2 0 | 2 2 | $2 * E(3)^2$ | $E(5) + E(5)^4$ | 0 | 0 | $2 * E(3)^2$ | $E(5) + E(5)^4$ | 2 * E(3) | $E(15)^7 + E(15)^{13}$ | $E(5)^2 + E(5)^3$ | 0 | 0 | 2 * E(3) | $E(15)^7 + E(15)^{13}$ | $E(5)^2 + E(5)^3$ | $E(15)^2 + E(15)^8$ | $E(15) + E(15)^4$ | 0 | $E(15)^2 + E(15)^8$ | $E(15) + E(15)^4$ | $E(15)^{11} + E(15)^{14}$ | $E(15)^{11} + E(15)^{14}$ |
| $\chi_{16} \mid 2$ | 2 0 | 2 | 2 * E(3) | $E(5) + E(5)^4$ | 0 | 0 | 2 * E(3) | | $2 * E(3)^2$ | $E(15)^2 + E(15)^8$ | $E(5)^2 + E(5)^3$ | 0 | 0 | $2 * E(3)^2$ | $E(15)^2 + E(15)^8$ | $E(5)^2 + E(5)^3$ | $E(15)^7 + E(15)^{13}$ | $E(15)^{11} + E(15)^{14}$ | 0 | $E(15)^7 + E(15)^{13}$ | $E(15)^{11} + E(15)^{14}$ | $E(15) + E(15)^4$ | $E(15) + E(15)^4$ |
| $\chi_{17} \mid 2$ | 2 0 | | | $E(5)^2 + E(5)^3$ | | 0 | $2 * E(3)^2$ | () | 2 * E(3) | $E(15) + E(15)^4$ | $E(5) + E(5)^4$ | 0 | 0 | 2 * E(3) | $E(15) + E(15)^4$ | $E(5) + E(5)^4$ | $E(15)^{11} + E(15)^{14}$ | $E(15)^7 + E(15)^{13}$ | 0 | $E(15)^{11} + E(15)^{14}$ | $E(15)^7 + E(15)^{13}$ | $E(15)^2 + E(15)^8$ | $E(15)^2 + E(15)^8$ |
| $\chi_{18} \mid 2$ | 2 0 | 2 | 2 * E(3) | $E(5)^2 + E(5)^3$ | 0 | 0 | 2 * E(3) | | $2 * E(3)^2$ | | $E(5) + E(5)^4$ | 0 | 0 | $2 * E(3)^2$ | $E(15)^{11} + E(15)^{14}$ | $E(5) + E(5)^4$ | $E(15) + E(15)^4$ | $E(15)^2 + E(15)^8$ | 0 | $E(15) + E(15)^4$ | $E(15)^2 + E(15)^8$ | $E(15)^7 + E(15)^{13}$ | $E(15)^7 + E(15)^{13}$ |
| $\chi_{19} \mid 2$ | 2 0 | -2 | 2 | $E(5) + E(5)^4$ | 0 | 0 | -2 | $-E(5) - E(5)^4$ | 2 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | 0 | -2 | $-E(5) - E(5)^4$ | $-E(5)^2 - E(5)^3$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | $-E(5) - E(5)^4$ | $-E(5)^2 - E(5)^3$ | $E(5)^2 + E(5)^3$ | $-E(5)^2 - E(5)^3$ |
| χ_{20} 2 | 2 0 | -2 | 2 | $E(5)^2 + E(5)^3$ | 0 | 0 | -2 | $-E(5)^2 - E(5)^3$ | 2 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | 0 | -2 | $-E(5)^2 - E(5)^3$ | $-E(5) - E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | $-E(5)^2 - E(5)^3$ | $-E(5) - E(5)^4$ | $E(5) + E(5)^4$ | $-E(5) - E(5)^4$ |
| χ_{21} 2 | 2 0 | -2 	 2 | $2 * E(3)^2$ | $E(5) + E(5)^4$ | 0 | 0 | $-2*E(3)^2$ | . , . , , | | $E(15)^7 + E(15)^{13}$ | $E(5)^2 + E(5)^3$ | 0 | 0 | -2 * E(3) | $-E(15)^7 - E(15)^{13}$ | $-E(5)^2 - E(5)^3$ | $E(15)^2 + E(15)^8$ | $E(15) + E(15)^4$ | 0 | $-E(15)^2 - E(15)^8$ | $-E(15) - E(15)^4$ | $E(15)^{11} + E(15)^{14}$ | $-E(15)^{11} - E(15)^{14}$ |
| χ_{22} 2 | | | 2 * E(3) | $E(5) + E(5)^4$ | 0 | 0 | -2 * E(3) | | $2 * E(3)^2$ | . , , , , , , , , , , , , , , , , , , , | $E(5)^2 + E(5)^3$ | 0 | 0 | $-2*E(3)^2$ | $-E(15)^2 - E(15)^8$ | $-E(5)^2 - E(5)^3$ | $E(15)^7 + E(15)^{13}$ | $E(15)^{11} + E(15)^{14}$ | 0 | $-E(15)^7 - E(15)^{13}$ | $-E(15)^{11} - E(15)^{14}$ | $E(15) + E(15)^4$ | $-E(15) - E(15)^4$ |
| χ_{23} 2 | 2 0 | | | $E(5)^2 + E(5)^3$ | | 0 | $-2*E(3)^2$ | | | | $E(5) + E(5)^4$ | 0 | 0 | -2 * E(3) | $-E(15) - E(15)^4$ | $-E(5) - E(5)^4$ | $E(15)^{11} + E(15)^{14}$ | $E(15)^7 + E(15)^{13}$ | 0 | $-E(15)^{11} - E(15)^{14}$ | $-E(15)^7 - E(15)^{13}$ | $E(15)^2 + E(15)^8$ | $-E(15)^2 - E(15)^8$ |
| χ_{24} 2 | 2 0 | -2 | 2 * E(3) | $E(5)^2 + E(5)^3$ | 0 | 0 | -2 * E(3) | $-E(5)^2 - E(5)^3$ | $2 * E(3)^2$ | $E(15)^{11} + E(15)^{14}$ | $E(5) + E(5)^4$ | 0 | 0 | $-2*E(3)^2$ | $-E(15)^{11} - E(15)^{14}$ | $-E(5) - E(5)^4$ | $E(15) + E(15)^4$ | $E(15)^2 + E(15)^8$ | 0 | $-E(15) - E(15)^4$ | $-E(15)^2 - E(15)^8$ | $E(15)^7 + E(15)^{13}$ | $-E(15)^7 - E(15)^{13}$ |

Trivial source character table of $G \cong C6 \times D10$ at p = 5:

Normalisers N_i

| Normalisers N_i | | | | | N | I_1 | | | | | | | | | N_2 | | | | | |
|---|-------|---------------|-------------|-------------|--------------|--------------|-------------|---------------|---------------|---------------|---------|------------------|----------------|-------------|-------------|---------|----------------|---------------|----------------------------|-----------------|
| p-subgroups of G up to conjugacy in G | | | | | P | 1 | | | | | | | | | P_2 | | | | | |
| Representatives $n_j \in N_i$ | 1a 2a | 2b $3a$ | 2c | 6a | 6b | 3b | 6c | 6d | 6e | 6f | 1a 3a | 2b | 2a $3b$ | 6b | 6a | 2c (| 6e 6 | 6d 6 | c 6 | δf |
| $\boxed{0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{19}$ | 5 -1 | 5 5 | -1 | -1 | 5 | 5 | -1 | -1 | 5 | -1 | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) (|) |
| $1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} +$ | 5 1 | 5 5 | 1 | 1 | 5 | 5 | 1 | 1 | 5 | 1 | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) (|) |
| $ \begin{vmatrix} 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} + 1 \cdot \chi_{19} + 1 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $ | 5 -1 | -5 5 | 1 | -1 | -5 | 5 | 1 | -1 | -5 | 1 | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) (|) |
| $ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 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} + 1 \cdot \chi_{19} + 1 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $ | 5 1 | -5 5 | -1 | 1 | -5 | 5 | -1 | 1 | -5 | -1 | 0 0 | 0 | 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 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 1 \cdot \chi_{21} + 0 \cdot \chi_{22} + 1 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $ | 5 -1 | -5 	 5 * E(3) | $(3)^2 1$ | $-E(3)^2$ | $-5*E(3)^2$ | 5 * E(3) | $E(3)^{2}$ | -E(3) | -5 * E(3) | E(3) | 0 0 | 0 | 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 + 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_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \cdot \chi_{24} \end{vmatrix} $ | 5 -1 | -5 	 5 * E(| 3) 1 | -E(3) | -5 * E(3) | $5 * E(3)^2$ | E(3) | $-E(3)^2$ | $-5 * E(3)^2$ | $E(3)^2$ | 0 0 | 0 | 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} + 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} + 1 \cdot \chi_{21} + 0 \cdot \chi_{22} + 1 \cdot \chi_{23} + 0 \cdot \chi_{24} \end{vmatrix} $ | | -5 5 * E(3) | | $E(3)^{2}$ | $-5*E(3)^2$ | 5 * E(3) | $-E(3)^2$ | E(3) | -5 * E(3) | -E(3) | 0 0 | 0 | 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 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \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_{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} + 1 \cdot \chi_{22} + 0 \cdot \chi_{23} + 1 \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_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0$ | 5 1 | -5 5 * E(| -1 | E(3) | -5 * E(3) | $5 * E(3)^2$ | -E(3) | $E(3)^{2}$ | $-5 * E(3)^2$ | $-E(3)^2$ | 0 0 | 0 | 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 + 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} + 1 \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} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0$ | 5 -1 | 5 $5*E(3)$ | $(-1)^2$ | $-E(3)^2$ | $5 * E(3)^2$ | 5 * E(3) | $-E(3)^2$ | -E(3) | 5 * E(3) | -E(3) | 0 0 | 0 | 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 + 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} + 1 \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} \end{vmatrix} $ | 5 -1 | 5 $5*E($ | -1 | -E(3) | 5 * E(3) | $5 * E(3)^2$ | -E(3) | $-E(3)^2$ | $5 * E(3)^2$ | $-E(3)^2$ | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) (|) |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | | 5 $5*E(3)$ | $(3)^2$ 1 | $E(3)^{2}$ | $5*E(3)^2$ | 5 * E(3) | $E(3)^{2}$ | E(3) | 5 * E(3) | E(3) | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) / |) |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 5 1 | 5 $5*E($ | 3) 1 | E(3) | 5 * E(3) | $5*E(3)^2$ | E(3) | $E(3)^{2}$ | $5 * E(3)^2$ | $E(3)^2$ | 0 0 | 0 | 0 0 | 0 | 0 | 0 | 0 | 0 (|) / |) |
| $1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 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 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 1 | -1 1 | -1 | 1 | -1 | 1 | -1 | 1 | -1 | -1 | 1 1 | -1 | 1 1 | -1 | 1 | -1 - | -1 | 1 - | -1 - | -1 |
| $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_{20} + 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} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot $ | | -1 1 | 1 | -1 | -1 | 1 | 1 | -1 | -1 | 1 | 1 1 | -1 | -1 1 | -1 | -1 | 1 - | -1 - | -1 1 | 1 | 1 |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 -1 | 1 1 | -1 | -1 | 1 | 1 | -1 | -1 | 1 | -1 | 1 1 | 1 - | -1 1 | 1 | -1 | -1 | 1 - | -1 - | -1 - | .1 |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 1 | 1 $E(3)$ | 2 1 | $E(3)^{2}$ | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | E(3) | E(3) | E(3) | 1 E(3) | ² 1 | 1 $E(3)$ | $E(3)^{2}$ | $E(3)^{2}$ | 1 	 E | (3) E | E(3) $E(3)$ | $(3)^2$ $E($ | (3) |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 1 | 1 	 E(3) | 1 | E(3) | E(3) | $E(3)^{2}$ | E(3) | $E(3)^{2}$ | $E(3)^{2}$ | $E(3)^2$ | 1 E(3) |) 1 | $1 E(3)^2$ | E(3) | E(3) | 1 	 E | $(3)^2$ $E($ | $(3)^2$ $E($ | (3) $E($ | $(3)^2$ |
| $0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 1 | -1 $E(3)$ | 2 -1 | $E(3)^{2}$ | $-E(3)^2$ | E(3) | $-E(3)^2$ | E(3) | -E(3) | -E(3) | 1 E(3) | 2 -1 | 1 	 E(3) | $-E(3)^2$ | $E(3)^{2}$ | -1 $-I$ | E(3) E | -E | $(3)^2 - I$ | $\mathbb{E}(3)$ |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | l . | -1 $E(3)$ | -1 | E(3) | -E(3) | $E(3)^{2}$ | -E(3) | $E(3)^{2}$ | $-E(3)^{2}$ | $-E(3)^{2}$ | 1 E(3) |) -1 | 1 $E(3)^2$ | -E(3) | E(3) | -1 $-E$ | $E(3)^2$ $E($ | $(3)^2 - E$ | $\mathcal{L}(3) - E$ | $(3)^2$ |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 -1 | -1 $E(3)$ | 2 1 | $-E(3)^{2}$ | $-E(3)^{2}$ | E(3) | $E(3)^2$ | $-\dot{E}(3)$ | -E(3) | E(3) | 1 E(3) | 2 -1 - | -1 $E(3)$ | $-E(3)^{2}$ | $-E(3)^{2}$ | 1 - I | E(3) - B | E(3) $E(3)$ | $(3)^2$ $E($ | (3) |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 | -1 $E(3)$ |) 1 | -E(3) | -E(3) | $E(3)^2$ | E(3) | $-E(3)^{2}$ | $-E(3)^{2}$ | $E(3)^2$ | 1 E(3) |) -1 - | $-1 E(3)^2$ | -E(3) | -E(3) | 1 - E | $C(3)^2 - E$ | $E(3)^2$ $E($ | E(3) | $(3)^2$ |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | 1 | 1 $E(3)$ | 2 -1 | $-E(3)^{2}$ | $E(3)^{2}$ | E(3) | $-E(3)^{2}$ | -E(3) | E(3) | $-\dot{E}(3)$ | 1 E(3) | ² 1 - | -1 $E(3)$ | $E(3)^2$ | $-E(3)^{2}$ | -1 E | (3) -1 | E(3) - E | $-\dot{E}(3)^2$ $-\dot{E}$ | E(3) |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$ | | 1 $E(3)$ | -1 | -E(3) | E(3) | $E(3)^2$ | -E(3) | $-E(3)^{2}$ | $E(3)^2$ | $-E(3)^{2}$ | 1 E(3) |) 1 - | $-1 E(3)^{2}$ | E(3) | -E(3) | | $(3)^{2}$ $-E$ | $E(3)^2 - E$ | $\dot{Z}(3) - E$ | $(3)^2$ |
| | 1 | | | | ` ′ | ` ' | | • • • | ` | ` ' | . , | | . / | ` ′ | | | | | | |

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

 $P_2 = Group([(1,24,5,36,13)(2,30,8,42,18)(3,33,10,45,21)(4,35,12,47,23)(6,39,15,50,27)(7,41,17,52,29)(9,44,20,54,32)(11,46,22,55,34)(14,49,26,57,38)(16,51,28,58,40)(19,53,31,59,43)(25,56,37,60,48)]) \cong C5$