

The group G is isomorphic to the group labelled by [1320, 133] in the Small Groups library.

Ordinary character table of $G \cong \text{PSL}(2,11) : \text{C2}$:

| | 1a | 2a | 3a | 5a | 5b | 6a | 11a | 2b | 4a | 10a | 10b | 12a | 12b |
|-------------|----|----|----|-------------------|-------------------|----|-----|----|----|--------------------|--------------------|-------------------------|-------------------------|
| χ_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 |
| χ_3 | 10 | 2 | -2 | 0 | 0 | 2 | -1 | 0 | 0 | 0 | 0 | 0 | 0 |
| χ_4 | 10 | -2 | 1 | 0 | 0 | 1 | -1 | 0 | 2 | 0 | 0 | -1 | -1 |
| χ_5 | 10 | -2 | 1 | 0 | 0 | 1 | -1 | 0 | -2 | 0 | 0 | 1 | 1 |
| χ_6 | 10 | 2 | 1 | 0 | 0 | -1 | -1 | 0 | 0 | 0 | 0 | $-E(12)^7 + E(12)^{11}$ | $E(12)^7 - E(12)^{11}$ |
| χ_7 | 10 | 2 | 1 | 0 | 0 | -1 | -1 | 0 | 0 | 0 | 0 | $E(12)^7 - E(12)^{11}$ | $-E(12)^7 + E(12)^{11}$ |
| χ_8 | 11 | -1 | -1 | 1 | 1 | -1 | 0 | 1 | -1 | 1 | 1 | -1 | -1 |
| χ_9 | 11 | -1 | -1 | 1 | 1 | -1 | 0 | -1 | 1 | -1 | -1 | 1 | 1 |
| χ_{10} | 12 | 0 | 0 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | 1 | 2 | 0 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | 0 |
| χ_{11} | 12 | 0 | 0 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | 0 | 1 | -2 | 0 | $-E(5) - E(5)^4$ | $-E(5)^2 - E(5)^3$ | 0 | 0 |
| χ_{12} | 12 | 0 | 0 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | 1 | 2 | 0 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | 0 |
| χ_{13} | 12 | 0 | 0 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | 0 | 1 | -2 | 0 | $-E(5)^2 - E(5)^3$ | $-E(5) - E(5)^4$ | 0 | 0 |

Trivial source character table of $G \cong \text{PSL}(2,11) : \text{C2}$ at $p = 5$:

| Normalisers N_i | N_1 | | | | | | | | | N_2 | | | |
|--|-------|----|----|----|----|----|-------------------------|-------------------------|-----|-------|----|----|----|
| p -subgroups of G up to conjugacy in G | P_1 | | | | | | | | | P_2 | | | |
| Representatives $n_j \in N_i$ | 1a | 2b | 2a | 3a | 4a | 6a | 12a | 12b | 11a | 1a | 2c | 2b | 2a |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 25 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 35 | 5 | -1 | -1 | -1 | -1 | -1 | -1 | 2 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13}$ | 25 | -5 | 1 | 1 | -1 | 1 | -1 | -1 | 3 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13}$ | 35 | -5 | -1 | -1 | 1 | -1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 10 | 0 | 2 | -2 | 0 | 2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 10 | 0 | -2 | 1 | 2 | 1 | -1 | -1 | -1 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 10 | 0 | -2 | 1 | -2 | 1 | 1 | 1 | -1 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 10 | 0 | 2 | 1 | 0 | -1 | $-E(12)^7 + E(12)^{11}$ | $E(12)^7 - E(12)^{11}$ | -1 | 0 | 0 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 10 | 0 | 2 | 1 | 0 | -1 | $E(12)^7 - E(12)^{11}$ | $-E(12)^7 + E(12)^{11}$ | -1 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 11 | -1 | -1 | -1 | 1 | -1 | 1 | 1 | 0 | 1 | -1 | 1 | -1 |
| $0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 1 | -1 | 1 | 1 | -1 | 1 | -1 | -1 | 1 | 1 | 1 | -1 | -1 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$ | 11 | 1 | -1 | -1 | -1 | -1 | -1 | -1 | 0 | 1 | -1 | -1 | 1 |

$$P_1 = \text{Group}([(())]) \cong 1$$

$$P_2 = \text{Group}([(3, 10, 8, 7, 11)(4, 9, 6, 5, 12)]) \cong \text{C5}$$

$$N_1 = \text{Group}([(3, 4)(5, 7)(6, 8)(9, 10)(11, 12), (1, 2, 3)(4, 5, 6)(7, 9, 10)(8, 11, 12)]) \cong \text{PSL}(2,11) : \text{C2}$$

$$N_2 = \text{Group}([(3, 10, 8, 7, 11)(4, 9, 6, 5, 12), (1, 2)(5, 6)(7, 8)(9, 12)(10, 11), (1, 2)(3, 4)(5, 8)(6, 7)(9, 11)(10, 12)]) \cong \text{D20}$$