

The group G is isomorphic to the group $\text{PSL}(2,11) : \text{C}2$.
Ordinary character table of $G \cong \text{PSL}(2,11) : \text{C}2$:

	1 <i>a</i>	2 <i>a</i>	3 <i>a</i>	5 <i>a</i>	5 <i>b</i>	6 <i>a</i>	11 <i>a</i>	2 <i>b</i>	4 <i>a</i>	10 <i>a</i>	10 <i>b</i>	12 <i>a</i>	12 <i>b</i>
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 $G \cong \text{PSL}(2,11) : \text{C}2$ at $p = 2$:

Normalisers N_i	N_1					N_2		N_3			N_4		N_5	N_6		N_7
p -subgroups of G up to conjugacy in G	P_1					P_2		P_3			P_4		P_5	P_6		P_7
Representatives $n_j \in N_i$	1 <i>a</i>	5 <i>b</i>	5 <i>a</i>	3 <i>a</i>	11 <i>a</i>	1 <i>a</i>	3 <i>a</i>	1 <i>a</i>	5 <i>b</i>	5 <i>a</i>	1 <i>a</i>	3 <i>a</i>	1 <i>a</i>	1 <i>a</i>	3 <i>a</i>	1 <i>a</i>
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	24	4	4	0	2	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	32	2	2	−4	−1	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	40	0	0	4	−4	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13}$	24	$2 * E(5) + 2 * E(5)^4$	$2 * E(5)^2 + 2 * E(5)^3$	0	2	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	24	$2 * E(5)^2 + 2 * E(5)^3$	$2 * E(5) + 2 * E(5)^4$	0	2	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 2 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	44	4	4	−4	0	4	4	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	20	0	0	2	−2	4	−2	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	12	2	2	0	1	0	0	2	2	2	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	12	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	1	0	0	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13}$	12	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	1	0	0	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	22	2	2	−2	0	2	2	0	0	0	2	2	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	30	0	0	3	−3	2	−1	0	0	0	2	−1	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	22	2	2	−2	0	2	2	2	2	2	0	0	2	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13}$	2	2	2	2	2	2	2	0	0	0	0	0	0	2	2	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	0	−2	−1	2	2	0	0	0	0	0	0	2	−1	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	1	1	1

$P_1 = Group([()]) \cong 1$
 $P_2 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12)]) \cong \text{C}2$
 $P_3 = Group([(2, 3)(4, 6)(7, 12)(8, 10)(9, 11)]) \cong \text{C}2$
 $P_4 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (1, 10, 5, 8)(2, 7, 6, 11)(3, 9, 4, 12)]) \cong \text{C}4$
 $P_5 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (2, 3)(4, 6)(7, 12)(8, 10)(9, 11)]) \cong \text{C}2 \times \text{C}2$
 $P_6 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (1, 8)(2, 12)(3, 11)(4, 7)(5, 10)(6, 9)]) \cong \text{C}2 \times \text{C}2$
 $P_7 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (1, 10, 5, 8)(2, 7, 6, 11)(3, 9, 4, 12), (2, 3)(4, 6)(7, 12)(8, 10)(9, 11)]) \cong \text{D}8$

$N_1 = Group([(3, 4)(5, 7)(6, 8)(9, 10)(11, 12), (1, 2, 3)(4, 5, 6)(7, 9, 10)(8, 11, 12)]) \cong \text{PSL}(2,11) : \text{C}2$
 $N_2 = Group([(1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (1, 2, 3)(4, 5, 6)(7, 9, 10)(8, 11, 12), (1, 6)(2, 5)(3, 4)(7, 10)(8, 11), (1, 11, 4, 10, 2, 12, 5, 7, 3, 8, 6, 9)]) \cong \text{D}24$
 $N_3 = Group([(2, 3)(4, 6)(7, 12)(8, 10)(9, 11), (1, 5)(2, 4)(3, 6)(7, 9)(11, 12), (2, 12, 11, 4, 8)(3, 7, 9, 6, 10)]) \cong \text{D}20$
 $N_4 = Group([(1, 10, 5, 8)(2, 7, 6, 11)(3, 9, 4, 12), (1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (2, 3)(4, 6)(7, 12)(8, 10)(9, 11), (1, 2)(5, 6)(7, 8)(9, 12)(10, 11)]) \cong \text{D}24$
 $N_5 = Group([(2, 3)(4, 6)(7, 12)(8, 10)(9, 11), (1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (1, 10, 5, 8)(2, 7, 6, 11)(3, 9, 4, 12)]) \cong \text{D}8$
 $N_6 = Group([(1, 8)(2, 12)(3, 11)(4, 7)(5, 10)(6, 9), (1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12), (2, 3)(4, 6)(7, 12)(8, 10)(9, 11), (1, 2, 7)(3, 8, 6)(4, 5, 9)(10, 12, 11)]) \cong \text{S}4$
 $N_7 = Group([(2, 3)(4, 6)(7, 12)(8, 10)(9, 11), (1, 10, 5, 8)(2, 7, 6, 11)(3, 9, 4, 12), (1, 5)(2, 6)(3, 4)(7, 11)(8, 10)(9, 12)]) \cong \text{D}8$