

The group G is isomorphic to the group labelled by [1092, 25] in the Small Groups library.

Ordinary character table of $G \cong \text{PSL}(2,13)$:

	1a	2a	3a	6a	7a	7b	7c	13a	13b
χ_1	1	1	1	1	1	1	1	1	1
χ_2	7	-1	1	-1	0	0	0	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^{11}$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^{10} - E(13)^{12}$
χ_3	7	-1	1	-1	0	0	0	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^{10} - E(13)^{12}$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^{11}$
χ_4	12	0	0	0	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	-1	-1
χ_5	12	0	0	0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	-1	-1
χ_6	12	0	0	0	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	-1	-1
χ_7	13	1	1	1	-1	-1	-1	0	0
χ_8	14	2	-1	-1	0	0	0	1	1
χ_9	14	-2	-1	1	0	0	0	1	1

Trivial source character table of $G \cong \text{PSL}(2,13)$ at $p = 2$

<i>Normalisers</i> N_i							N_1	N_2	N_3			
<i>p</i> - subgroups of G up to conjugacy in G							P_1	P_2	P_3			
<i>Representatives</i> $n_j \in N_i$	1a	3a	7a	7b	7c	13a	13b	1a	3a	1a	3a	3a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	28	4	0	0	0	2	2	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	20	2	-1	-1	-1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^{10} - E(13)^{12}$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^{11}$	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	20	2	-1	-1	-1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^{11}$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^{10} - E(13)^{12}$	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	12	0	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	-1	-1	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	12	0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	-1	-1	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	12	0	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	-1	-1	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9$	28	-2	0	0	0	2	2	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	14	2	0	0	0	1	1	2	2	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	14	-1	0	0	0	1	1	2	-1	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	13	1	-1	-1	-1	0	0	1	1	1	$E(3)$	$E(3)^2$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	13	1	-1	-1	-1	0	0	1	1	1	$E(3)^2$	$E(3)$

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

$$P_2 = \text{Group}([(1, 5)(2, 4)(6, 13)(7, 12)(8, 11)(9, 10)]) \cong \text{C2}$$

$$P_3 = \text{Group}([(1, 5)(2, 4)(6, 13)(7, 12)(8, 11)(9, 10), (1, 9)(3, 14)(5, 10)(6, 12)(7, 13)(8, 11)]) \cong \text{C2} \times \text{C2}$$

$$N_1 = \text{Group}([(1, 12)(2, 6)(3, 4)(7, 11)(9, 10)(13, 14), (1, 6, 11)(2, 4, 5)(7, 8, 10)(12, 14, 13)]) \cong \text{PSL}(2,13)$$

$$N_2 = \text{Group}([(1, 11, 10)(2, 7, 13)(4, 12, 6)(5, 8, 9), (1, 5)(2, 4)(6, 13)(7, 12)(8, 11)(9, 10), (2, 12)(3, 14)(4, 7)(6, 13)(8, 9)(10, 11)]) \cong \text{D12}$$

$$N_3 = \text{Group}([(2, 11, 14)(3, 4, 8)(5, 9, 10)(6, 13, 7), (1, 5)(2, 4)(6, 13)(7, 12)(8, 11)(9, 10), (1, 9)(3, 14)(5, 10)(6, 12)(7, 13)(8, 11)]) \cong \text{A4}$$