

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 $p = 13$

<i>Normalisers</i> N_i							N_1							N_2
<i>p</i> - subgroups of G up to conjugacy in G							P_1							P_2
<i>Representatives</i> $n_j \in N_i$	1a	2a	3a	6a	7a	7b	7c	1a	2a	3a	3a	6a	6a	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	13	1	1	1	$-E(7) - 2 * E(7)^2 - E(7)^3 - E(7)^4 - 2 * E(7)^5 - E(7)^6$	$-E(7) - E(7)^2 - 2 * E(7)^3 - 2 * E(7)^4 - E(7)^5 - E(7)^6$	$-2 * E(7) - E(7)^2 - E(7)^3 - E(7)^4 - E(7)^5 - 2 * E(7)^6$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	26	-2	-1	1	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	26	2	-1	-1	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	26	-2	2	-2	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	26	2	-1	-1	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	$-E(7)^2 - E(7)^5$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	26	-2	-1	1	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^6$	0	0	0	0	0	0	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	13	1	1	1	-1	-1	-1	0	0	0	0	0	0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	1	1	1	1	1	1	1	1	1	1	1	1	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	14	-2	2	-2	0	0	0	1	-1	1	1	-1	-1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	14	2	-1	-1	0	0	0	1	1	$E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	14	2	-1	-1	0	0	0	1	1	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	14	-2	-1	1	0	0	0	1	-1	$E(3)^2$	$E(3)$	$-E(3)$	$-E(3)^2$	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	14	-2	-1	1	0	0	0	1	-1	$E(3)$	$E(3)^2$	$-E(3)^2$	$-E(3)$	

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

$$P_2 = \text{Group}([(2, 5, 12, 8, 7, 3, 10, 13, 6, 11, 14, 4, 9)]) \cong \text{C13}$$

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

$$N_2 = \text{Group}([(3, 13, 12, 6, 10, 4)(5, 7, 8, 9, 11, 14), (2, 5, 12, 8, 7, 3, 10, 13, 6, 11, 14, 4, 9)]) \cong \text{C13} : \text{C6}$$