

The group G is isomorphic to the group labelled by ["could not identify G"] in the Small Groups library.

Ordinary character table of $G \cong \text{PSL}(2,13) : \text{C2}$:

	1a	2a	2b	3a	4a	6a	7a	7b	7c	12a	12b	13a	14a	14b	14c
χ_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
χ_3	12	2	0	0	0	0	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$	0	0	-1	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$
χ_4	12	2	0	0	0	0	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$	0	0	-1	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$	$E(7)^3 + E(7)^4$
χ_5	12	-2	0	0	0	0	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$	0	0	-1	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$
χ_6	12	-2	0	0	0	0	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$	0	0	-1	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$
χ_7	12	2	0	0	0	0	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	0	0	-1	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^6$
χ_8	12	-2	0	0	0	0	$-E(7) - E(7)^6$	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	0	0	-1	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^6$
χ_9	13	1	1	1	-1	1	-1	-1	-1	-1	-1	0	1	1	1
χ_{10}	13	-1	1	1	1	1	-1	-1	-1	1	1	0	-1	-1	-1
χ_{11}	14	0	-2	2	0	-2	0	0	0	0	0	1	0	0	0
χ_{12}	14	0	2	-1	2	-1	0	0	0	-1	-1	1	0	0	0
χ_{13}	14	0	2	-1	-2	-1	0	0	0	1	1	1	0	0	0
χ_{14}	14	0	-2	-1	0	1	0	0	0	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$	1	0	0	0
χ_{15}	14	0	-2	-1	0	1	0	0	0	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$	1	0	0	0

Trivial source character table of $G \cong \text{PSL}(2,13) : \text{C2}$ at $p = 7$

<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	2b	3a	4a	6a	12a	12b	13a	1a	2b	2a	2a
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	2	2	2	2	2	2	1	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	2	2	-2	2	-2	-2	1	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	49	-7	1	1	1	1	1	1	-3	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	49	7	1	1	-1	1	-1	-1	-3	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	2	-1	2	-1	-1	-1	1	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	2	-1	-2	-1	1	1	1	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	-2	2	0	-2	0	0	1	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15}$	14	0	-2	-1	0	1	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$	1	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15}$	14	0	-2	-1	0	1	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$	1	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	1	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	36	6	0	0	0	0	0	0	-3	1	-1	-1	1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	1	-1	1	1	-1	1	-1	-1	1	1	1	-1	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	36	-6	0	0	0	0	0	0	-3	1	-1	1	-1

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

$P_2 = \text{Group}([(1, 14, 3, 10, 11, 12, 13)(2, 8, 6, 7, 5, 4, 9)]) \cong \text{C7}$

$N_1 = \text{Group}([(1, 2)(3, 5)(4, 6)(7, 9)(8, 11)(10, 12)(13, 14), (1, 3, 5, 8)(2, 4, 7, 10)(6, 9, 11, 13)]) \cong \text{PSL}(2,13) : \text{C2}$

$N_2 = \text{Group}([(1, 14, 3, 10, 11, 12, 13)(2, 8, 6, 7, 5, 4, 9), (1, 9, 14, 2, 3, 8, 10, 6, 11, 7, 12, 5, 13, 4), (2, 5)(3, 12)(4, 9)(7, 8)(10, 11)(13, 14)]) \cong \text{D28}$