

The group  $G$  is isomorphic to the projective special linear group  $\text{PSL}(2,13)$ .  
 Ordinary character table of  $G \cong \text{PSL}(2,13)$ :

	1 <i>a</i>	2 <i>a</i>	3 <i>a</i>	6 <i>a</i>	7 <i>a</i>	7 <i>b</i>	7 <i>c</i>	13 <i>a</i>	13 <i>b</i>
$\chi_1$	1	1	1	1	1	1	1	1	1
$\chi_2$	7	−1	1	−1	0	0	0	$-E(13)^{\wedge}2 - E(13)^{\wedge}5 - E(13)^{\wedge}6 - E(13)^{\wedge}7 - E(13)^{\wedge}8 - E(13)^{\wedge}11$	$-E(13) - E(13)^{\wedge}3 - E(13)^{\wedge}4 - E(13)^{\wedge}9 - E(13)^{\wedge}10 - E(13)^{\wedge}12$
$\chi_3$	7	−1	1	−1	0	0	0	$-E(13) - E(13)^{\wedge}3 - E(13)^{\wedge}4 - E(13)^{\wedge}9 - E(13)^{\wedge}10 - E(13)^{\wedge}12$	$-E(13)^{\wedge}2 - E(13)^{\wedge}5 - E(13)^{\wedge}6 - E(13)^{\wedge}7 - E(13)^{\wedge}8 - E(13)^{\wedge}11$
$\chi_4$	12	0	0	0	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	$-E(7) - E(7)^{\wedge}6$	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	−1	−1
$\chi_5$	12	0	0	0	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	$-E(7) - E(7)^{\wedge}6$	−1	−1
$\chi_6$	12	0	0	0	$-E(7) - E(7)^{\wedge}6$	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	−1	−1
$\chi_7$	13	1	1	1	−1	−1	−1	0	0
$\chi_8$	14	2	−1	−1	0	0	0	1	1
$\chi_9$	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> $N_i$	$N_1$								$N_2$	$N_3$		
$p$ – 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	$-E(13) - E(13)^{\wedge}3 - E(13)^{\wedge}4 - E(13)^{\wedge}9 - E(13)^{\wedge}10 - E(13)^{\wedge}12$	$-E(13)^{\wedge}2 - E(13)^{\wedge}5 - E(13)^{\wedge}6 - E(13)^{\wedge}7 - E(13)^{\wedge}8 - E(13)^{\wedge}11$	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	$-E(13)^{\wedge}2 - E(13)^{\wedge}5 - E(13)^{\wedge}6 - E(13)^{\wedge}7 - E(13)^{\wedge}8 - E(13)^{\wedge}11$	$-E(13) - E(13)^{\wedge}3 - E(13)^{\wedge}4 - E(13)^{\wedge}9 - E(13)^{\wedge}10 - E(13)^{\wedge}12$	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	$-E(7) - E(7)^{\wedge}6$	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	−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	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	$-E(7) - E(7)^{\wedge}6$	−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	$-E(7)^{\wedge}3 - E(7)^{\wedge}4$	$-E(7) - E(7)^{\wedge}6$	$-E(7)^{\wedge}2 - E(7)^{\wedge}5$	−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	$E(3)$	$E(3)^{\wedge}2$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	13	1	−1	−1	−1	0	0	1	1	1	$E(3)^{\wedge}2$	$E(3)$

$P_1 = Group([(())]) \cong 1$   
 $P_2 = Group([(1,5)(2,4)(6,13)(7,12)(8,11)(9,10)]) \cong \text{C2}$   
 $P_3 = Group([(1,5)(2,4)(6,13)(7,12)(8,11)(9,10), (1,9)(3,14)(5,10)(6,12)(7,13)(8,11)]) \cong \text{C2 x C2}$

$N_1 = Group([(1,12)(2,6)(3,4)(7,11)(9,10)(13,14), (1,6,11)(2,4,5)(7,8,10)(12,14,13)]) \cong \text{PSL}(2,13)$   
 $N_2 = Group([(1,11,10)(2,7,13)(4,12,6)(5,8,9), (1,5)(2,4)(6,13)(7,12)(8,11)(9,10), (2,12)(3,14)(4,7)(6,13)(8,9)(10,11)]) \cong \text{D12}$   
 $N_3 = Group([(2,11,14)(3,4,8)(5,9,10)(6,13,7), (1,5)(2,4)(6,13)(7,12)(8,11)(9,10), (1,9)(3,14)(5,10)(6,12)(7,13)(8,11)]) \cong \text{A4}$