1a $2a$	3a $4a$ $6a$	7a	7b	7c	12a	12b	13a	13b	14a	14b	14c	26a	26b
$\chi_1$ 1 1	1 1 1	1	1	1	1	1	1	1	1	1	1	1	1
$\chi_2$ 6 -6	0  0  0	-1	-1	-1	0	0	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^1$	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	1	1	1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$
$\chi_3$   6 -6	0  0  0	-1	-1	-1	0	0	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^11$	1	1	1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$
$\chi_4$ 7 7	1 -1 1	0	0	0	-1	-1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	0	0	0	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$
$\chi_5$ 7 7	1 -1 1	0	0	0	-1	-1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	0	0	0	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$
$\chi_6   12 -12$	0  0  0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	0	0	-1	-1			$E(7)^3 + E(7)^4$	1	1
$\chi_7   12  12$	0  0  0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	0	0	-1	-1			$-E(7)^3 - E(7)^4$	-1	-1
$\chi_8$   12   12	0  0  0	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^3$	4 0	0	-1	-1	$-E(7) - E(7)^{} 6$	$-E(7)^3 - E(7)^4$	$4 - E(7)^2 - E(7)^5$	-1	-1
$\chi_9   12 -12$	0  0  0	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^3$	4 0	0	-1	-1	$E(7) + E(7)^{} 6$	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	1	1
$\chi_{10} \mid 12 -12$	0  0  0	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^2$	5 0	0	-1	-1	$E(7)^3 + E(7)^4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^{} 6$	1	1
$\chi_{11}   12   12$	0  0  0	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^2$	5 0	0	-1	-1	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^{} 6$	-1	-1
$\chi_{12}   13  13$	1 1 1	-1	-1	-1	1	1	0	0	-1	-1	-1	0	0
$\chi_{13} \mid 14 - 14$	2   0   -2	0	0	0	0	0	1	1	0	0	0	-1	-1
$\chi_{14} \mid 14  14$	-1 $-2$ $-1$	0	0	0	1	1	1	1	0	0	0	1	1
$\chi_{15}$   14   14	-1 2 $-1$	0	0	0	-1	-1	1	1	0	0	0	1	1
$\chi_{16} \mid 14 - 14$	-1  0  1	0	0	0	$E(12)^{}7 - E(12)^{}11$	$-E(12)^{}7 + E(12)^{}11$	1	1	0	0	0	-1	-1
$\chi_{17} \mid 14 - 14$	-1  0  1	0	0	0	$-E(12)^{}7 + E(12)^{}11$	$E(12)^{} 7 - E(12)^{} 11$	1	1	0	0	0	-1	-1

Trivial source character table of G  $\cong$  SL(2,13) at p = 7 Normalisers  $N_i$ 

$p-subgroups\ of\ G\ up\ to\ conjugacy\ in\ G$					$\overline{P_1}$			$P_2$
Representatives $n_j \in N_i$	1a 2a 3a 4a 6a	$\overline{6a}$ 12a	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	13a	13b	26a	26b	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$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 $	$+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$ 14 14 2 2 2	2 2	2	1	1	1	1	0 0 0
	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$   42 -42 0 0 0		0	$3*E(13) + 4*E(13)^2 + 3*E(13)^3 + 3*E(13)^3 + 4*E(13)^5 + 4*E(13)^6 + 4*E(13)^7 + 4*E(13)^6 + 4*E(13)^9 + 3*E(13)^9 + 3*E(13)^1 + 4*E(13)^1 + 4*E(13)^1 + 4*E(13)^1 + 4*E(13)^1 + 4*E(13)^2 + 4*E(13)^2 + 4*E(13)^2 + 4*E(13)^3 + 4*E(13$	$12  4*E(13) + 3*E(13)^2 + 4*E(13)^3 + 4$	$-3*E(13) - 4*E(13)^2 - 3*E(13)^3 - 3*E(13)^3 - 3*E(13)^3 - 4*E(13)^5 - 4*E(1$	$-4*E(13) - 3*E(13)^2 - 4*E(13)^3 - 4*E(13)^3 - 4*E(13)^3 - 4*E(13)^3 - 3*E(13)^3 - 3*E(13)^3 - 3*E(13)^3 - 4*E(13)^3 - 4*E(13)^3 - 3*E(13)^3 - 3*E(1$	$(13)^1 11 - 4 * E(13)^1 2 = 0   0   0$
	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$   42 -42 0 0 0		0	$4*E(13) + 3*E(13)^2 + 4*E(13)^3 + 4*E(13$	$12  3*E(13) + 4*E(13)^2 + 3*E(13)^3 + 3*E(13)^3 + 4*E(13)^5 + 4$	$-4*E(13) - 3*E(13) ^2 - 4*E(13) ^3 - 4*E(1$	$-3*E(13) - 4*E(13)^2 - 3*E(13)^3 - 3*E(13)^3 - 3*E(13)^3 - 4*E(13)^5 - 4*E(1$	$(13)^{} 11 - 3 * E(13)^{} 12 \mid 0  0  0$
$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 + 0 \cdot \chi_{10} + 0 \cdot $	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$ 7 7 1 -1 1	. 1 —1	-1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$\begin{vmatrix} 0 & 0 & 0 & 0 \end{vmatrix}$
$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 + 0 \cdot \chi_{10} + 0 \cdot $	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$ 7 7 1 -1 1	. 1 —1	-1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^3 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	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 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{10} + 0 \cdot $	$+1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 49  49  1  1  1$	1 1	1	-3	-3	-3	-3	0
$ 10 \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 $	$+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$   14 -14 2 0 -2	-2 0	0	1	1	-1	-1	$\begin{bmatrix} 0 & 0 & 0 & 0 \end{bmatrix}$
$   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   $	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$   14   14   -1   -2   -1	1 1	1	1	1	1	1	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   $	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$   14   14   -1   2   -1	-1 $-1$	-1	1	1	1	1	
	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}$   14 -14 -1 0 1	1 $E(12)^{}7 - E(12)^{}$	$(12)^11 -E(12)^7 + E(12)^7$	_j`11	1	-1	-1	0 0 0 0
	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}$   14 -14 -1 0 1				1	-1	-1	0  0  0
	$+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}$ 1 1 1 1 1		1	1	1	1	1	1 1 1 1
	$+1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$ 36 36 0 0 0	0 0	0	-3	-3	-3	-3	1 1 -1 -
	$+0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 36  -36  0  0$	0 0	0	-3	-3	3	3	$\begin{vmatrix} 1 & -1 & E(4) & -F \end{vmatrix}$
	$+0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 36  -36  0  0$		0	-3	-3	3	3	$\begin{vmatrix} 1 & -1 & -E(4) & F \end{vmatrix}$

 $P_1 = Group([()]) \cong 1 \\ P_2 = Group([(1, 15, 32, 50, 47, 33, 6)(2, 8, 36, 34, 55, 37, 20)(3, 24, 21, 53, 38, 41, 11)(4, 27, 42, 56, 28, 31, 5)(7, 35, 52, 49, 30, 18, 13)(9, 26, 23, 46, 54, 48, 17)(10, 16, 25, 14, 44, 45, 39)(12, 43, 51, 40, 19, 29, 22)]) \cong C7$ 

 $N_1 = Group([(2,4,7)(5,8,12)(6,9,14)(10,15,21)(11,16,23)(13,18,26)(17,24,32)(19,27,34)(22,29,25)(28,35,40)(30,36,42)(37,43,49)(38,44,50)(39,45,52)(46,53,47)(48,54,51),(1,2,3,5)(4,6,8,11)(7,10,12,17)(9,13,16,22)(14,19,23,30)(15,20,24,31)(18,25,29,26)(21,28,32,37)(27,33,36,41)(34,38,42,47)(35,39,43,48)(40,46,49,44)(45,51,54,52)(50,55,53,56)]) \cong SL(2,13)$   $N_2 = Group([(1,31,3,20)(2,6,5,11)(4,41,8,33)(7,48,12,39)(9,29,16,18)(10,13,17,22)(14,49,23,40)(15,28,24,37)(19,25,30,26)(21,55,32,56)(27,38,36,47)(34,52,46,51),(1,2,3,5)(4,6,8,11)(7,10,12,17)(9,13,16,22)(14,19,23,30)(15,20,24,31)(18,25,29,26)(21,28,32,37)(27,33,36,41)(34,38,42,47)(35,39,43,48)(40,46,49,44)(45,51,54,52)(50,55,53,56)]) \cong SL(2,13)$   $N_2 = Group([(1,31,3,20)(2,6,5,11)(4,41,8,33)(7,48,12,39)(9,29,16,18)(10,13,17,22)(14,49,23,40)(15,28,24,37)(19,25,30,26)(21,55,32,56)(27,38,36,47)(34,52,48,37)(19,25,30,26)(21,53,38,41,11)(4,27,42,56,28,31,5)(7,35,52,49,30,18,13)(9,26,23,46,54,48,17)(10,16,25,14,44,45,39)(12,43,51,40,19,29,22)]) \cong C7 : C4$