The group G is isomorphic to the group labelled by ["could not identify G"] in the Small Groups library. Ordinary character table of  $G \cong SL(2,13)$ :

1a 2a 3a	4a $6a$	7a	7b	7c	12a	12b	13a	13b	14a	14b	14c	26a	26b
1 1 1	1 1	1	1	1	1	1	1	1	1	1	1	1	1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	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	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$
6 -6 0	0  0	-1	-1	-1	0	0	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^1$	1	1	1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$
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	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$
7 7 1	-1 1	0	0	0	-1	-1	$-E(13)^2 - E(13)^3 - E(1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	0	0	0	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$
12 -12 0	0 0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$4 - E(7) - E(7)^{} 6$	0	0	-1	-1	$E(7)^2 + E(7)^5$	$E(7) + E(7)^{} 6$	$E(7)^{} 3 + E(7)^{} 4$	1	1
12 12 0	0 0	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	$4 - E(7) - E(7)^{} 6$	0	0	-1	-1	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^{} 6$	$-E(7)^3 - E(7)^4$	-1	-1
12 12 0	0 0	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$5 - E(7)^{} 3 - E(7)^{} 4$	1 0	0	-1	-1	$-E(7) - E(7)^{} 6$	$-E(7)^{} 3 - E(7)^{} 4$	$-E(7)^2 - E(7)^5$	-1	-1
12 -12 0	0 0	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$5 - E(7)^3 - E(7)^4$	1 0	0	-1	-1	$E(7) + E(7)^{} 6$	$E(7)^{} 3 + E(7)^{} 4$	$E(7)^{} 2 + E(7)^{} 5$	1	1
				$-E(7)^2 - E(7)^5$		0	-1	-1	$E(7)^{} 3 + E(7)^{} 4$			1	1
				$-E(7)^2 - E(7)^5$		0	-1	-1	$-E(7)^{} 3 - E(7)^{} 4$			-1	-1
13 13 1		-1	-1	-1	1	1	0	0	-1	-1	-1	0	0
14 -14 2	0 -2	0	0	0	0	0	1	1	0	0	0	-1	-1
14   14   -1	1 - 2 - 1	0	0	0	1	1	1	1	0	0	0	1	1
14   14   -1	1  2  -1	0	0	0	-1	-1	1	1	0	0	0	1	1
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
$\begin{bmatrix} 7 & 14 & -14 & -1 \end{bmatrix}$		0	0	0	$-\dot{E}(12)^{}7 + \dot{E}(12)^{}11$	. , , , , , , , , , , , , , , , , , , ,	1	1	0	0	0	-1	-1

Trivial source character table of $G \cong SL(2,13)$ at $p=2$													
$Normalisers N_i$				$N_1$						$N_2$		$N_3$	$N_4$
$p-subgroups\ of\ G\ up\ to\ conjugacy\ in\ G$				$P_1$						$P_2$		$P_3$	$P_4$
Representatives $n_j \in N_i$	7a	7 <i>b</i>	7c	13a	13b	1a 3a	7a	7 <i>b</i>	7c	13a	13 <i>b</i>	1a 3	$a \mid 1a  3a  3a$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \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 \chi_{11} + 1 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \right  56  8  3 \cdot \chi_{15} + $	0	0	0	4	4	0 0	0	0	0	0	0	0 (	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \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 \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \end{vmatrix} 40  4  4  4  4  4  4  4  4  4 $	-2	-2	-2	$-2*E(13)^2 - 2*E(13)^5 - 2*E(13)^6 - 2*E(13)^7 - 2*E(13)^8 - 2*E(13)^1$	$-2*E(13) - 2*E(13)^3 - 2*E(13)^4 - 2*E(13)^9 - 2*E(13)^10 - 2*E(13)^12$	0 0	0	0	0	0	0	0 (	0 0 0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \end{vmatrix} 40  4$	-2	-2	-2	$-2*E(13) - 2*E(13)^3 - 2*E(13)^4 - 2*E(13)^9 - 2*E(13)^10 - 2*E(13)^12$	$-2*E(13)^2 - 2*E(13)^5 - 2*E(13)^6 - 2*E(13)^7 - 2*E(13)^8 - 2*E(13)^1$	0 0	0	0	0	0	0	I	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 24 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0$	$-2*E(7) - 2*E(7)^{}6$	$-2*E(7)^2 2 - 2*E(7)^5$	$5 -2 * E(7)^3 - 2 * E(7)^4$	-2	-2	0 0	0	0	0	0	0		0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 24 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0$				-2	-2	0 0	0	0	0	0	0		0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 24 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0$	$-2*E(7)^3 - 2*E(7)^4$	$-2*E(7) - 2*E(7)^{6}$	$-2*E(7)^2 - 2*E(7)^5$	-2	-2	0 0	0	0	0	0	0		0 0 0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 1 \cdot \chi_{17} \begin{vmatrix} 56 & -4 & -4 & -4 & -4 & -4 & -4 & -4 & -$	0	0	0	4	4	0 0	0	0	0	0	0		0 0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \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 \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} $	0	0	0	2	2	28 4	0	0	0	2	2	0 (	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 20 & 2 & 2 & 2 \\ 20 & 2 & 2 & 2 \end{vmatrix}$	-1	-1	-1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	20 2	-1	-1	-1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1 - E(13)^6 - E(1$	$y - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10$	$0 - E(13)^{} 12 \mid 0$ (	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 20 & 2 & 2 & 2 \\ 20 & 2 & 2 & 2 \end{vmatrix}$	-1	-1	-1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	20 2	-1	-1	-1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12 - E(13)$	$(2-E(13)^5-E(13)^6-E(13)^7-E(13)^6$	$8 - E(13)^{} 11 \mid 0$	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 12 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	-1	-1	12 0 -	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^2$	`5 —1	-1	0 (	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 12 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{vmatrix}$	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	-1	-1	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
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 12 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{vmatrix}$	$-E(7)^2 2 - E(7)^5$	$-E(7)^{} 3 - E(7)^{} 4$	$-E(7) - E(7)^{} 6$	-1	-1	12 0 -	$-E(7)^2 - E(7)^5 -$	$-E(7)^3 - E(7)^4$	$-E(7) - E(7)^{} = 6$	-1	-1	0 (	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 28 & -2 & -2 & -2 & -2 & -2 & -2 & -2 &$	0	0	0	2	2	28 -2	0	0	0	2	2	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} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} $	0	0	0	1	1	14 2	0	0	0	1	1	2 2	0 0 0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 14 & -1 & 14 & 14 & 14 & 14 & 14 & 14 &$	0	0	0	1	1	14 -1	0	0	0	1	1	2 -	$1 \mid 0  0  0$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{vmatrix}$	1	1	1	1	1	1 1	1	1	1	1	1	1 1	1 1 1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 13 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 \end{vmatrix}$	-1	-1	-1	0	0	13 1	-1	-1	-1	0	0	1 1	1 $E(3)$ $E(3)^2$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \begin{vmatrix} 13 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 \end{vmatrix}$	-1	-1	-1	0	0	13 1	-1	-1	-1	0	0	1 1	$1  E(3)^2  E(3)$

 $P_1 = Group([()]) \cong 1$ 

 $P_2 = Group([(1,3)(2,5)(4,8)(6,11)(7,12)(9,16)(10,17)(13,22)(14,23)(15,24)(18,29)(19,30)(20,31)(21,32)(25,26)(27,36)(28,37)(33,41)(34,42)(35,43)(38,47)(39,48)(40,49)(44,46)(45,54)(50,53)(51,52)(55,56)]) \cong \mathbf{C2}$ 

 $P_3 = Group([(1,2),3,13)(2,15,5,24)(4,53,8,50)(6,38,11,47)(7,29,12,18)(9,51,16,52)(19,30)(20,31)(21,32)(19,30)(20,31)(21,32)(19,30)(20,31)(21,32)(19,30)(20,31)(21,32)(19,30)(20,31)(21,32)(19,30)(20,31)(21,32)(2$ 

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

 $N_3 = Group([(1,22,3,13)(2,15,5,24)(4,53,8,50)(6,38,11,47)(7,29,12,18)(9,51,46,52)(14,29)(19,30)(20,31,41)(34,42)(35,43)(38,47)(39,48)(40,49)(44,46)(45,54)(50,53)(51,52)(55,56), (1,4,3,8)(2,23,5,14)(6,34,11,42)(7,17,12,10)(9,44,16,46)(13,53,22,50)(15,49,24,40)(18,42,23)(45,53,54,40)(19,55,36,48)(20,38,47,41,38)(34,56,42,55)(35,54,43)(21,36,32,27)(25,35,26,43)(28,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(19,43,30,35)(20,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(19,43,30,35)(20,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(19,43,30,35)(20,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(19,43,30,35)(20,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(19,43,30,35)(20,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(21,32,32,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(2,31,21)(25,55,26,56)(27,39,36,48)(28,47,37,38)(33,52,41,51), (1,31,3,20)(2,14,52,30)(2,14$