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	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^11$	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	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	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^11$
$\chi_4$ 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	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^11$
$\chi_5$ 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	$E(7)^2 + E(7)^5$	$E(7) + E(7)^{} 6$	$E(7)^3 + E(7)^4$	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	$-E(7)^2 - E(7)^5$	$-E(7) - E(7)^{} 6$	$-E(7)^3 - E(7)^4$	-1	-1
			$-E(7) - E(7)^{} 6$	_ ; ; • _ ; ; •		0	0	-1	-1	$-E(7) - E(7)^{} 6$	$-E(7)^3 - E(7)^4$	$-E(7)^2 - E(7)^5$	-1	-1
$\chi_9$ 12	-12   0	0 0	$-E(7) - E(7)^{} 6$	$-E(7)^2 - E(7)^5$	$-E(7)^3 - E(7)^4$	0	0	-1	-1	$E(7) + E(7)^{} 6$	$E(7)^{} 3 + E(7)^{} 4$	$E(7)^2 + E(7)^5$	1	1
			$-E(7)^{} 3 - E(7)^{} 4$				0	-1	-1	$E(7)^{} 3 + E(7)^{} 4$	$E(7)^{} 2 + E(7)^{} 5$	$E(7) + E(7)^{} 6$	1	1
			$-E(7)^3 - E(7)^4$				0	-1	-1			$-E(7) - E(7)^{6}$	-1	-1
	13 1		-1	-1	-1	1	1	0	0	-1	-1	-1	0	0
$\chi_{13}$   14	-14 2	0 -2	0	0	0	0	0	1	1	0	0	0	-1	-1
$\chi_{14}   14$	14 -1	-2 -1	0	0	0	1	1	1	1	0	0	0	1	1
	14 -1		0	0	0	-1	-1	1	1	0	0	0	1	1
	-14 -1		0	0	0	$E(12)^{}7 - E(12)^{}11$	$-E(12)^{}7 + E(12)^{}11$	1	1	0	0	0	-1	-1
$\left \begin{array}{c c} \chi_{17} \end{array}\right  14$			0	0	0		$E(12)^{}7 - E(12)^{}11$	1	1	0	0	0	-1	-1

Trivial source character table of  $G \cong SL(2,13)$  at p = 3  $Normalisers N_i$ 

$p-subgroups \ of \ G \ up \ to \ conjugacy \ in \ G$						$P_1$						$P_2$
Representatives $n_j \in N_i$	1	a $2a$ $4a$ $7a$	7b	7c	13a	13b	14a	14b	14c	26a	26b	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\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} $	5 15 3 1	1	1	2	2	1	1	1	2	2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	6 - 6 0 - 1	-1	-1	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^1$	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	1	1	1	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	6 - 6 0 - 1	-1	-1	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^10 + E(13)^12$	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^1$	1	1	1	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 2 \cdot \chi_{18} \mid 2 \cdot \chi_$	21   21   -3   0	0	0	$-2*E(13) - E(13)^2 - 2*E(13)^3 - 2*E(13)^3 - 2*E(13)^3 - E(13)^5 - E(13)^5$	$^{}12 - E(13) - 2 * E(13)^{}2 - E(13)^{}3 - E(13)^{}3 - E(13)^{}4 - 2 * E(13)^{}5 - 2 * E(13)^{}6 - 2 * E(13)^{}7 - 2 * E(13)^{}8 - E(13)^{}9 - E(13)^{}10 - 2 * E(13)^{}11 - E(13)^{$	12 0	0	0	$-2*E(13) - E(13)^2 - 2*E(13)^3 - 2*E(13)^3 - 2*E(13)^3 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - 2*E(13)^9 - 2*E(13)^1 - E(13)^1 - E(13)^2 - E(1$	$-2*E(13)^{}12 - E(13) - 2*E(13)^{}2 - E(13)^{}3 - E(13)^{}3 - E(13)^{}4 - 2*E(13)^{}5 - 2*E(13)^{}6 - 2*E(13)^{}7 - 2*E(13)^{}8 - E(13)^{}9 - E(13)^{}10 - 2*E(13)^{}10 - 2*$	3)^ $11 - E(13)^ 12 \mid 0  0  0  0  0$
762 1 763 1 763 1	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 2 \cdot \chi_{18} \mid 2 \cdot \chi_$		0	0	$-E(13) - 2*E(13)^2 - E(13)^3 - E(13)^4 - 2*E(13)^5 - 2*E(13)^6 - 2*E(13)^7 - 2*E(13)^6 - E(13)^6 - E(13)$	$^{}12  -2*E(13) - E(13)^{}2 - 2*E(13)^{}3 - 2*E(13)^{}4 - E(13)^{}5 - E(13)^{}6 - E(13)^{}7 - E(13)^{}8 - 2*E(13)^{}9 - 2*E(13)^{}10 - E(13)^{}11 - 2*E(13)^{}11 - 2*E(13)^$	12 0	0	0	$-E(13) - 2*E(13)^2 - E(13)^3 - E(13)^3 - E(13)^4 - 2*E(13)^5 - 2*E(13)^6 - 2*E(13)^7 - 2*E(13)^8 - E(13)^9 - E(13)^9 - E(13)^1 - 2*E(13)^1 - 2*E(13)^1 - 2*E(13)^1 - 2*E(13)^2 - E(13)^2 - E(13)^2$	$11 - E(13)^{} 12 - 2*E(13) - E(13)^{} 2 - 2*E(13)^{} 3 - 2*E(13)^{} 3 - 2*E(13)^{} 4 - E(13)^{} 5 - E(13)^{} 6 - E(13)^{} 7 - E(13)^{} 8 - 2*E(13)^{} 9 - 2*E(13)^{} 10 - E(13)^{} 10 - E(13)$	$11 - 2 * E(13)^12 = 0 0 0 0 0 0$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \cdot \chi_{11} \mid 1 \cdot \chi_{11} \mid 1 \cdot \chi_{11} \mid 1 \cdot \chi_{11} \mid 1 \cdot \chi_{12} \mid 1 \cdot \chi_{13} \mid 1 \cdot \chi_{14} \mid 1 \cdot \chi_{15} \mid 1 \cdot \chi_{16} \mid 1 \cdot \chi_{17} \mid 1 \cdot \chi_$	12 12 0 $-E(7)^3 - E(7)^2$	$(7)^4 - E(7) - E(7)$	$-E(7)^2 - E(7)^5$	-1	-1			$-E(7) - E(7)^{6}$		-1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\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} \mid 1 \mid $	12 12 0 $-E(7)^2 - E(7)^2$	$(7)^5 - E(7)^3 - E(7)$	7) $^4$ $-E(7) - E(7)^6$	-1	-1			$-E(7)^3 - E(7)^4$		-1	$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \end{bmatrix}$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \cdot \chi_{10} \mid 1 \cdot \chi_$	12 12 0 $-E(7) - E(7)$	$(-E(7)^{}) = -E(7)^{} = -E(7)^{}$	7) $^{5} -E(7)^{3} - E(7)^{4}$	-1	-1			$4 - E(7)^2 - E(7)^3$		-1	
	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \cdot \chi_{18} \mid 1 \cdot \chi_$				-1	-1			$E(7)^3 + E(7)^4$		1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \cdot \chi_{18} \mid 1 \cdot \chi_{19} \mid 1 \cdot \chi_$	12 -12 0 -E(7) - E(7)	$(-E(7)^{}) = -E(7)^{} = -E(7)^{}$	7) $^5$ $-E(7)^3 - E(7)^4$	-1	-1			4 $E(7)^2 + E(7)^5$	1	1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\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} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \mid $	$12 -12 0 -E(7)^3 - E(7)$	$(7)^4 - E(7) - E(7)$	$-E(7)^{} 2 - E(7)^{} 5$	-1	-1	$E(7)^{} 3 + E(7)^{} 4$	$E(7)^2 + E(7)^5$	$E(7) + E(7)^{} 6$	1	1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 2 \cdot \chi_{18} \mid 2 \cdot \chi_$	27   27   3   -1	-1	-1	1	1	-1	-1	-1	1	1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 1 \cdot \chi_{17} = 0$	42 - 42 = 0 0	0	0	3	3	0	0	0	-3	-3	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	1 1 1 1	1	1	1	1	1	1	1	1	1	1 1 1 1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	7   7   -1   0	0	0	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	0	0	0	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$\begin{vmatrix} 1 & 1 & -1 & -1 & 1 \end{vmatrix}$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} \mid 1 \cdot \chi_{19} \mid 1 \cdot \chi_$	$\begin{bmatrix} 3 & 13 & 1 & -1 \end{bmatrix}$	-1	-1	0	0	-1	-1	-1	0	0	1 1 -1 1 -1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	7  7  -1  0	0	0	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	0	0	0	$-E(13) - E(13)^3 - E(13)^4 - E(13)^9 - E(13)^10 - E(13)^12$	$-E(13)^2 - E(13)^5 - E(13)^6 - E(13)^7 - E(13)^8 - E(13)^1$	$\begin{bmatrix} 1 & 1 & 1 & -1 & -1 \\ 2 & -2 & 0 & 0 & 0 \end{bmatrix}$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0$	$\chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	$\begin{bmatrix} 4 & -14 & 0 & 0 \end{bmatrix}$	0	0	1	1	0	0	0	-1	-1	$\begin{bmatrix} 2 & -2 & 0 & 0 & 0 \end{bmatrix}$

 $P_1 = Group([()]) \cong 1 \\ P_2 = Group([(1,21,9)(3,32,16)(4,43,20)(6,25,49)(7,27,38)(8,35,31)(10,53,34)(11,26,40)(12,36,47)(13,33,19)(14,28,51)(17,50,42)(22,41,30)(23,37,52)(39,56,46)(44,48,55)]) \cong \mathbf{C3}$ 

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