1 <i>a</i>	2a 2	b = 3a	4a	4b	4c	4	4d	5a	6a 8a	8b	8c 10c	12a	12b	16a	16b	16c	16d	20a	20b
$\chi_1 \mid 1$	1 1	. 1	1	1	1		1	1	1 1	1	1 1	1	1	1	1	1	1	1	1
$\chi_2 \mid 1$	1 1	. 1	1	1	-1	_	-1	1	1 1	1	1 1	1	1	-1	-1	-1	-1	1	1
$\chi_3 \mid 1$	1 –	1 1	-1	1	-E(4)		C(4)	1	$1 \qquad -1$	-1	1 1	-1	-1	E(4)	-E(4)	$E(4) \\ -E(4)$	-E(4)	-1	-1
$\chi_4 \mid 1$	1 –	1 1	-1	1	E(4)	-E	E(4)	1	$1 \qquad -1$	-1	1 1	-1	-1	-E(4)	E(4)	-E(4)	E(4)	-1	-1
χ_5 8	-8 (-1	0	0	0		0	-2	1 0	0	0 2	3 * E(4)	-3 * E(4)	0	0	0	0	0	0
χ_6 8	-8 (-1	0	0	0		0	-2	1 0	0	0 2	-3 * E(4)	3 * E(4)	0	0	0	0	0	0
χ_7 9	9 1	. 0	9	1	-1	_	-1	-1	0 1	1	1 - 1	0	0	1	1	1	1	-1	-1
χ_8 9	9	. 0	9	1	1		1	-1	0 1	1	1 - 1	0	0	-1	-1	-1	-1	-1	-1
χ_9 9	9 –	1 0	-9	1	-E(4)) E	G(4)	-1	0 -1	-1	1 - 1	0	0	-E(4)	E(4)	-E(4)	E(4)	1	1
χ_{10} 9	9 –	1 0	-9	1	E(4)			-1		-1	1 - 1	0	0	E(4)	$-\dot{E(4)}$	E(4)	$-\dot{E(4)}$	1	1
χ_{11} 10	10 2	1	10	2	ò		0	0	1 -2	-2	-2 0	1	1	0 ´	0	Û ´	0	0	0
$\chi_{12} 10$	10 -	2 1	-10	2	0		0	0	1 2	2	-2 0	-1	-1	0	0	0	0	0	0
χ_{13} 10			10	-2	0		0	0	1 0	0	0 0	1	1	$-E(8) - E(8)^3$	$-E(8) - E(8)^{}$	$E(8) + E(8)^3$	$E(8) + E(8)^3$	0	0
$\left \begin{array}{c c} \chi_{14} \end{array}\right 10$	10 2	1	-10	-2	0		0	0	1 0	0	0 0	-1	-1			$-E(8) + E(8)^3$		0	0
χ_{15} 10		2 1	10	-2	0		0	0	1 0	0	0 0	1	1			$-E(8) - E(8)^{} 3$		0	0
χ_{16} 10		1	-10	-2	0		0	0	1 0	0	0 0	-1	-1			$E(8) - E(8)^{} 3$			0
χ_{17} 16		-2	16	0	0		0	1	-2 0	0	0 1	-2	-2	0	0	0	0	1	1
χ_{18} 16	16 (-2	-16	0	0		0	1	-2 0	0	0 1	2	2	0	0	0	0	- 1	– 1
χ_{19} 16			0	0	0		0	1	2 0	0	0 -1	0	0	0	0	0	0	$E(20) + E(20)^{} 9 - E(20)^{} 13 - E(20)^{} 17$	$-E(20) - E(20)^9 + E(20)^13 + E(20)^17$
χ_{20} 16			0	0	0		0	1	2 0	0	0 - 1	0	0	0	0	0	0		$E(20) + E(20)^{2} - E(20)^{2} - E(20)^{2} = E(20)^{2$
,	-20 (0	0	0		0	0	-2 2 * E(8) + 2 * E(8)	-2 * E(8) - 2 * E(8)	3 0 0	0	0	0	0	0	0	0	0
	-20 (0	0	0		0	0	-2 + E(8) - 2 * E(8)	$^{\circ}3 2*E(8) + 2*E(8)^{\circ}3$	3 0 0	0	0	0	0	0	0	0	0

 $\frac{1}{0 \cdot y_1 + 0 \cdot y_2 + 0 \cdot y_3 + 0 \cdot y_4 + 0 \cdot y_5 + 0 \cdot y_6 + 1 \cdot y_7 + 1 \cdot y_8 + 1 \cdot y_{11} + 1 \cdot y_{11} + 1 \cdot y_{12} + 1 \cdot y_{13} + 1 \cdot y_{14} + 1 \cdot y_{15} + 1 \cdot y_{16} + 0 \cdot y_{17} + 0 \cdot y_{20} + 0 \cdot y_{21} + 0 \cdot y_{20} + 0 \cdot y_{20$

 $+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{19}$

 $+1\cdot \chi_{2} + 0\cdot \chi_{3} + 0\cdot \chi_{4} + 0\cdot \chi_{5} + 0\cdot \chi_{6} + 1\cdot \chi_{7} + 1\cdot \chi_{8} + 0\cdot \chi_{9} + 0\cdot \chi_{10} + 0\cdot \chi_{11} + 0\cdot \chi_{12} + 0\cdot \chi_{13} + 0\cdot \chi_{14} + 0\cdot \chi_{15} + 0\cdot \chi_{16} + 0\cdot \chi_{17} + 0\cdot \chi_{18} + 0\cdot \chi_{19} + 0\cdot \chi_{20} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{19} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{19} +$

 $\frac{1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+2\cdot\chi_7+2\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+2\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+2\cdot\chi_{14}+0\cdot\chi_{15}+2\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{21}+0\cdot\chi$

Group([1,68)(2,78)(3,49)(4,79)(5,42)(6,72)(7,53)(8,64)(9,38)(10,24)(11,15)(12,71)(13,55)(14,31)(16,73)(17,24)(18,39)(19,40)(20,32)(25,64)(26,65)(27,66)(28,67)(29,60)(30,45)(31,44)(33,62)(34,63)(35,59)(36,58)(37,54)(37,54)(37

 $oup([(1,38,31,12)(2,16,53,10)(3,55,44,4)(5,46,29,61)(6,43,75,21)(7,30,72,64)(8,66,32,36)(9,65,79,42)(11,52,60,51)(13,26,71,15)(14,18,49,76)(17,54,73,70)(20,58,23,27)(22,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),\\ (1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,67,25,23,66,32,37,77,75,28,64,8,27,20)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,67,25,23,66,32,37,77,75,28,64,8,27,20)(24,37,48,8$

 $\{(1, 3)(2, 5)(3, 4, 5)(2, 4, 5)(3, 4, 5)(4, 5,$ 3, 3, 5, 5, 1, 1, 4, 4, 1, 5, 4, 5, 1, 2, 3, 4, 5, 1, 4, 4, 1, 5, 4, 5, 13, 3, 5, 5, 1, 1, 1, 2, 3, 4, 3, 5, 5, 1, 3, 5, 1, 3, 5, 1, 1, 3, 4, 5, 5, 1, 2, 3, 3, 5, 1, 3, 5, 5

 $(3, 27)(22, 45, 78, 25)(24, 37, 48, 80)(28, 63)(33, 50, 62, 77)(34, 67)(35, 57, 59, 69)(39, 68, 56, 41)(47, 74), (1, 50, 53, 67, 25, 23, 66, 32, 3, 77, 75, 28, 64, 8, 27, 20)(2, 61, 4, 36, 7, 76, 13, 80, 6, 51, 12, 58, 22, 56, 9, 70)(5, 52, 60, 43, 33, 38, 40, 31, 11, 46, 29, 16, 62, 55, 19, 44)(10, 17, 37, 48, 26, 35, 72, 63, 21, 24, 54, 73, 65, 59, 78, 34)(14, 39, 68, 45, 69, 71, 74, 42, 41, 18, 49, 30, 57, 79, 47, 15)]) <math>\cong$ SL(2,9): C4

 $\widetilde{oup}([(1,38,31,12)(2,16,53,10)(3,55,44,4)(5,46,29,61)(6,43,75,21)(7,30,72,64)(8,66,32,36)(9,65,79,42)(11,52,60,51)(13,26,71,15)(14,18,49,76)(17,54,73,70)(20,58,23,27)(22,45,78,25)(24,37,48,80)(28,63)(33,50,62,77)(34,67)(35,57,59,69)(39,68,56,41)(47,74),(1,50,53,67,25,23,66,32,37,75,28,64,8,27,20)(2,61,4,36,7,76,13,80,6,51,12,58,22,56,9,70)(5,52,60,43,33,38,40,31,11,46,29,16,62,55,19,44)(10,17,37,48,26,35,72,63,21,24,54,73,65,59,78,34)(14,39,68,45,69,71,74,42,41,18,49,30,57,79,47,15)]) \cong SL(2,9) : C4$ (4, 4, 5, 1, 4, 5, 1, 4, 5, 1, 4, 5, 1, 4, 5, 1, 4, 5, 1, 4, 5, 1, 5,

3, 5, 5, 1