

$L_4(3) \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	5×4
	2	1	5×4
	3	1	4×2
	4	0	$65_1 = \chi_6, \varphi_6$
	5	0	$65_2 = \chi_7, \varphi_7$
	6	0	$90_1 = \chi_8, \varphi_8$
	7	0	$260_1 = \chi_{11}, \varphi_{11}$
	8	0	$260_2 = \chi_{12}, \varphi_{12}$
	9	0	$260_3 = \chi_{13}, \varphi_{13}$
	10	0	$390_1 = \chi_{15}, \varphi_{15}$
	11	0	$585_1 = \chi_{21}, \varphi_{18}$
	12	0	$585_2 = \chi_{22}, \varphi_{19}$
	13	0	$640_1 = \chi_{23}, \varphi_{20}$
	$14 = \overline{13}$	0	$640_2 = \chi_{24}, \varphi_{21}$
	15	0	$640_3 = \chi_{25}, \varphi_{22}$
	$16 = \overline{15}$	0	$640_4 = \chi_{26}, \varphi_{23}$
	17	0	$780_1 = \chi_{28}, \varphi_{24}$
	18	0	$1040_1 = \chi_{29}, \varphi_{25}$
$2.G :$	19	0	$40_1 = \chi_{30}, \varphi_{26}$
	20	1	4×2
	$21 = \overline{20}$	1	4×2
	22	0	$260_4 = \chi_{35}, \varphi_{31}$
	$23 = \overline{22}$	0	$260_5 = \chi_{36}, \varphi_{32}$
	24	0	$480_1 = \chi_{41}, \varphi_{33}$
	25	0	$520_1 = \chi_{42}, \varphi_{34}$
	26	0	$520_2 = \chi_{43}, \varphi_{35}$
	27	0	$520_3 = \chi_{44}, \varphi_{36}$
	28	0	$640_5 = \chi_{45}, \varphi_{37}$
	$29 = \overline{28}$	0	$640_6 = \chi_{46}, \varphi_{38}$
	30	0	$640_7 = \chi_{47}, \varphi_{39}$
	$31 = \overline{30}$	0	$640_8 = \chi_{48}, \varphi_{40}$
	32	0	$780_2 = \chi_{49}, \varphi_{41}$
	$33 = \overline{32}$	0	$780_3 = \chi_{50}, \varphi_{42}$
	34	0	$1080_1 = \chi_{51}, \varphi_{43}$

Block 1:	φ_1	φ_4	φ_{14}	φ_{16}	
$1_1 = \chi_1$	1	.	.	.	$\varphi_1 = 1_1$
$39_1 = \chi_4$	1	1	.	.	$\varphi_4 = 38_1$
$351_1 = \chi_{14}$	.	1	1	.	$\varphi_{14} = 313_1$
$416_1 = \chi_{16}$	.	.	.	1	$\varphi_{16} = 416_1$
$729_1 = \chi_{27}$	.	.	1	1	

Block 2:	φ_2	φ_3	φ_9	φ_{10}	
$26_1 = \chi_2$	1	.	.	.	$\varphi_2 = 26_1$
$26_2 = \chi_3$	.	1	.	.	$\varphi_3 = 26_2$
$234_1 = \chi_9$	.	1	1	.	$\varphi_9 = 208_1$
$234_2 = \chi_{10}$	1	.	.	1	$\varphi_{10} = 208_2$
$416_2 = \chi_{17}$	.	.	1	1	

Block 3:	φ_5	φ_{17}	
$52_1 = \chi_5$	1	.	$\varphi_5 = 52_1$
$416_3 = \chi_{18}$	.	1	$\varphi_{17} = 416_2$
$416_4 = \chi_{19}$	.	1	
$468_1 = \chi_{20}$	1	1	

Block 20:	φ_{27}	φ_{29}	
$208_1 = \chi_{31}$	1	.	$\varphi_{27} = 208_3$
$208_3 = \chi_{33}$	.	1	$\varphi_{29} = 208_5$
$416_6 = \chi_{38}$	1	1	
$416_7 = \chi_{39}$	1	1	

Block 21:	φ_{28}	φ_{30}	
$208_2 = \chi_{32}$	1	.	$\varphi_{28} = 208_4$
$208_4 = \chi_{34}$	.	1	$\varphi_{30} = 208_6$
$416_5 = \chi_{37}$	1	1	
$416_8 = \chi_{40}$	1	1	