

$L_4(4) \pmod{17}$

	blocks	defect	matrix
$G :$	1	1	8×4
	2	0	$272_1 = \chi_3, \varphi_7$
	3	0	$357_1 = \chi_4, \varphi_8$
	4	0	$1785_1 = \chi_6, \varphi_{20}$
	5	0	$3213_1 = \chi_{11}, \varphi_{24}$
	6	0	$3825_1 = \chi_{12}, \varphi_{29}$
	7	0	$3825_2 = \chi_{13}, \varphi_{30}$
	8	0	$3825_3 = \chi_{14}, \varphi_{31}$
	$9 = \overline{6}$	0	$3825_4 = \chi_{15}, \varphi_{32}$
	$10 = \overline{8}$	0	$3825_5 = \chi_{16}, \varphi_{33}$
	$11 = \overline{7}$	0	$3825_6 = \chi_{17}, \varphi_{34}$
	12	0	$3825_7 = \chi_{18}, \varphi_{35}$
	13	0	$3825_8 = \chi_{19}, \varphi_{36}$
	14	0	$3825_9 = \chi_{20}, \varphi_{37}$
	15	0	$3825_{10} = \chi_{21}, \varphi_{38}$
	16	0	$3825_{11} = \chi_{22}, \varphi_{39}$
	17	0	$3825_{12} = \chi_{23}, \varphi_{40}$
	18	0	$3825_{13} = \chi_{24}, \varphi_{41}$
	$19 = \overline{12}$	0	$3825_{14} = \chi_{25}, \varphi_{42}$
	$20 = \overline{18}$	0	$3825_{15} = \chi_{26}, \varphi_{43}$
	$21 = \overline{17}$	0	$3825_{16} = \chi_{27}, \varphi_{44}$
	$22 = \overline{16}$	0	$3825_{17} = \chi_{28}, \varphi_{45}$
	$23 = \overline{14}$	0	$3825_{18} = \chi_{29}, \varphi_{46}$
	$24 = \overline{15}$	0	$3825_{19} = \chi_{30}, \varphi_{47}$
	$25 = \overline{13}$	0	$3825_{20} = \chi_{31}, \varphi_{48}$
	26	0	$5712_1 = \chi_{33}, \varphi_{63}$
	27	0	$7140_1 = \chi_{34}, \varphi_{64}$
	28	1	10×2
	29	1	10×2
	30	0	$85_1 = \chi_{51}, \varphi_3$
	31	0	$3213_2 = \chi_{53}, \varphi_{25}$
	32	0	$3213_3 = \chi_{54}, \varphi_{26}$
	33	0	$1071_1 = \chi_{55}, \varphi_9$
	34	0	$1071_2 = \chi_{56}, \varphi_{10}$
	35	0	$1071_3 = \chi_{57}, \varphi_{11}$
	36	0	$5355_1 = \chi_{58}, \varphi_{55}$
	37	0	$5355_2 = \chi_{59}, \varphi_{56}$
	$38 = \overline{30}$	0	$85_2 = \chi_{60}, \varphi_4$
	39	0	$1071_4 = \chi_{62}, \varphi_{12}$
	40	0	$4284_1 = \chi_{64}, \varphi_{49}$

	blocks	defect	matrix
	41	0	$1700_1 = \chi_{65}, \varphi_{18}$
	42	0	$1428_1 = \chi_{66}, \varphi_{16}$
	$43 = \overline{41}$	0	$1700_2 = \chi_{67}, \varphi_{19}$
	$44 = \overline{42}$	0	$1428_2 = \chi_{68}, \varphi_{17}$
	45	0	$5440_1 = \chi_{69}, \varphi_{61}$
	46	0	$5355_3 = \chi_{71}, \varphi_{57}$
	47	0	$5355_4 = \chi_{72}, \varphi_{58}$
	48	0	$4284_2 = \chi_{73}, \varphi_{50}$
	49	0	$4284_3 = \chi_{74}, \varphi_{51}$
	$50 = \overline{36}$	0	$5355_5 = \chi_{75}, \varphi_{59}$
	$51 = \overline{34}$	0	$1071_5 = \chi_{76}, \varphi_{13}$
	$52 = \overline{37}$	0	$5355_6 = \chi_{77}, \varphi_{60}$
	53	0	$3213_4 = \chi_{78}, \varphi_{27}$
	$54 = \overline{49}$	0	$4284_4 = \chi_{79}, \varphi_{52}$
	$55 = \overline{35}$	0	$1071_6 = \chi_{80}, \varphi_{14}$
	56	0	$4284_5 = \chi_{81}, \varphi_{53}$
	$57 = \overline{31}$	0	$3213_5 = \chi_{82}, \varphi_{28}$
	$58 = \overline{45}$	0	$5440_2 = \chi_{83}, \varphi_{62}$
	$59 = \overline{56}$	0	$4284_6 = \chi_{84}, \varphi_{54}$

Block 1:	φ_1	φ_2	φ_{15}	φ_{21}	
$1_1 = \chi_1$	1	.	.	.	
$84_1 = \chi_2$	1	1	.	.	$\varphi_1 = 1_1$
$1344_1 = \chi_5$	.	1	1	.	$\varphi_2 = 83_1$
$2835_1 = \chi_7$	.	.	.	1	$\varphi_{15} = 1261_1$
$2835_2 = \chi_8$	.	.	.	1	$\varphi_{21} = 2835_1$
$2835_3 = \chi_9$	.	.	.	1	
$2835_4 = \chi_{10}$	.	.	.	1	
$4096_1 = \chi_{32}$	.	.	1	1	

Block 28:	φ_6	φ_{22}
$2835_5 = \chi_{35}$.	1
$2835_7 = \chi_{37}$.	1
$2835_8 = \chi_{38}$.	1
$2835_{12} = \chi_{42}$.	1
$2835_{14} = \chi_{44}$.	1
$2835_{18} = \chi_{48}$.	1
$2835_{19} = \chi_{49}$.	1
$2835_{20} = \chi_{50}$.	1
$189_2 = \chi_{63}$	1	.
$3024_2 = \chi_{70}$	1	1

$$\begin{aligned}\varphi_6 &= 189_2 \\ \varphi_{22} &= 2835_2\end{aligned}$$

Block 29:	φ_5	φ_{23}
$2835_6 = \chi_{36}$.	1
$2835_9 = \chi_{39}$.	1
$2835_{10} = \chi_{40}$.	1
$2835_{11} = \chi_{41}$.	1
$2835_{13} = \chi_{43}$.	1
$2835_{15} = \chi_{45}$.	1
$2835_{16} = \chi_{46}$.	1
$2835_{17} = \chi_{47}$.	1
$189_1 = \chi_{52}$	1	.
$3024_1 = \chi_{61}$	1	1

$$\begin{aligned}\varphi_5 &= 189_1 \\ \varphi_{23} &= 2835_3\end{aligned}$$