

## $L_2(17) \pmod{17}$

	blocks	defect	matrix
$G :$	1	1	$10 \times 8$
	2	0	$17_1 = \chi_8, \varphi_9$
$2.G :$	3	1	$10 \times 8$

<b>Block 1:</b>	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$	$\varphi_8$	
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
$9_1 = \chi_2$	.	.	.	.	1	.	.	.	$\varphi_2 = 3_1$
$9_2 = \chi_3$	.	.	.	.	1	.	.	.	$\varphi_3 = 5_1$
$16_1 = \chi_4$	.	.	1	.	.	1	.	.	$\varphi_4 = 7_1$
$16_2 = \chi_5$	.	.	.	1	1	.	.	.	$\varphi_5 = 9_1$
$16_3 = \chi_6$	.	1	.	.	.	.	1	.	$\varphi_6 = 11_1$
$16_4 = \chi_7$	1	.	.	.	.	.	.	1	$\varphi_7 = 13_1$
$18_1 = \chi_9$	.	.	1	.	.	.	1	.	$\varphi_8 = 15_1$
$18_2 = \chi_{10}$	.	1	.	.	.	.	.	1	
$18_3 = \chi_{11}$	.	.	.	1	.	1	.	.	

<b>Block 3:</b>	$\varphi_{10}$	$\varphi_{11}$	$\varphi_{12}$	$\varphi_{13}$	$\varphi_{14}$	$\varphi_{15}$	$\varphi_{16}$	$\varphi_{17}$	
$8_1 = \chi_{12}$	.	.	.	1	.	.	.	.	$\varphi_{10} = 2_1$
$8_2 = \chi_{13}$	.	.	.	1	.	.	.	.	$\varphi_{11} = 4_1$
$16_5 = \chi_{14}$	1	.	.	.	.	.	1	.	$\varphi_{12} = 6_1$
$16_6 = \chi_{15}$	.	.	.	.	.	.	.	1	$\varphi_{13} = 8_1$
$16_7 = \chi_{16}$	.	1	.	.	.	1	.	.	$\varphi_{14} = 10_1$
$16_8 = \chi_{17}$	.	.	1	.	1	.	.	.	$\varphi_{15} = 12_1$
$18_4 = \chi_{18}$	1	.	.	.	.	.	.	1	$\varphi_{16} = 14_1$
$18_5 = \chi_{19}$	.	.	1	.	.	1	.	.	$\varphi_{17} = 16_1$
$18_6 = \chi_{20}$	.	.	.	1	1	.	.	.	
$18_7 = \chi_{21}$	.	1	.	.	.	.	1	.	