

## $L_2(16) \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	$4 \times 2$
	2	0	$15_1 = \chi_2, \varphi_2$
	3	0	$15_2 = \chi_3, \varphi_3$
	4	0	$15_3 = \chi_4, \varphi_4$
	5	0	$15_4 = \chi_5, \varphi_5$

	blocks	defect	matrix
	6	0	$15_5 = \chi_6, \varphi_6$
	7	0	$15_6 = \chi_7, \varphi_7$
	8	0	$15_7 = \chi_8, \varphi_8$
	9	0	$15_8 = \chi_9, \varphi_9$
	10	1	$5 \times 1$

<b>Block 1:</b>	$\varphi_1$	$\varphi_{10}$	
$1_1 = \chi_1$	1	.	$\varphi_1 = 1_1$ $\varphi_{10} = 16_1$
$16_1 = \chi_{10}$	.	1	
$17_2 = \chi_{12}$	1	1	
$17_3 = \chi_{13}$	1	1	

<b>Block 10:</b>	$\varphi_{11}$	
$17_1 = \chi_{11}$	1	$\varphi_{11} = 17_1$
$17_4 = \chi_{14}$	1	
$17_5 = \chi_{15}$	1	
$17_6 = \chi_{16}$	1	
$17_7 = \chi_{17}$	1	