

## $L_2(16).4 \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	$5 \times 4$
	2	1	$5 \times 4$
	3	0	$60_1 = \chi_{2+}, \varphi_{2+}$
	4	0	$60_2 = \chi_{6+}, \varphi_{6+}$
	5	1	$5 \times 4$

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{1,2}$	$\varphi_{10,1}$	$\varphi_{10,3}$		
$1_1 = \chi_{1,0}$	1	.	.	.		$\varphi_{1,0} = 1_1$
$1_3 = \chi_{1,2}$	.	1	.	.		$\varphi_{1,2} = 1_3$
$16_2 = \chi_{10,1}$	.	.	1	.		$\varphi_{10,1} = 16_2$
$16_4 = \chi_{10,3}$	.	.	.	1		$\varphi_{10,3} = 16_4$
$34_2 = \chi_{12,1+}$	1	1	1	1		

<b>Block 2:</b>	$\varphi_{1,1}$	$\varphi_{1,3}$	$\varphi_{10,0}$	$\varphi_{10,2}$		
$1_2 = \chi_{1,1}$	1	.	.	.		$\varphi_{1,1} = 1_2$
$1_4 = \chi_{1,3}$	.	1	.	.		$\varphi_{1,3} = 1_4$
$16_1 = \chi_{10,0}$	.	.	1	.		$\varphi_{10,0} = 16_1$
$16_3 = \chi_{10,2}$	.	.	.	1		$\varphi_{10,2} = 16_3$
$34_1 = \chi_{12,0+}$	1	1	1	1		

<b>Block 5:</b>	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{11,3}$		
$17_1 = \chi_{11,0}$	1	.	.	.		$\varphi_{11,0} = 17_1$
$17_2 = \chi_{11,1}$	.	1	.	.		$\varphi_{11,1} = 17_2$
$17_3 = \chi_{11,2}$	.	.	1	.		$\varphi_{11,2} = 17_3$
$17_4 = \chi_{11,3}$	.	.	.	1		$\varphi_{11,3} = 17_4$
$68_1 = \chi_{14+}$	1	1	1	1		