

## $L_2(17).2 \pmod{3}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	2	$6 \times 2$	$2.G :$	10	2	$9 \times 1$
	2	2	$6 \times 2$		11	0	$18_8 = \chi_{18,0}, \varphi_{10,0}$
	3	0	$18_1 = \chi_{2+}, \varphi_{2+}$		12	0	$18_9 = \chi_{18,1}, \varphi_{10,1}$
	4	0	$18_2 = \chi_{9,0}, \varphi_{5,0}$		13	0	$18_{10} = \chi_{19,0}, \varphi_{11,0}$
	5	0	$18_3 = \chi_{9,1}, \varphi_{5,1}$		14	0	$18_{11} = \chi_{19,1}, \varphi_{11,1}$
	6	0	$18_4 = \chi_{10,0}, \varphi_{6,0}$		15	0	$18_{12} = \chi_{20,0}, \varphi_{12,0}$
	7	0	$18_5 = \chi_{10,1}, \varphi_{6,1}$		16	0	$18_{13} = \chi_{20,1}, \varphi_{12,1}$
	8	0	$18_6 = \chi_{11,0}, \varphi_{7,0}$		17	0	$18_{14} = \chi_{21,0}, \varphi_{13,0}$
	9	0	$18_7 = \chi_{11,1}, \varphi_{7,1}$		18	0	$18_{15} = \chi_{21,1}, \varphi_{13,1}$

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{4,1}$	
$1_1 = \chi_{1,0}$	1	.	$\varphi_{1,0} = 1_1$ $\varphi_{4,1} = 16_2$
$16_2 = \chi_{4,1}$	.	1	
$16_4 = \chi_{5,1}$	.	1	
$16_6 = \chi_{6,1}$	.	1	
$16_8 = \chi_{7,1}$	.	1	
$17_2 = \chi_{8,1}$	1	1	

<b>Block 2:</b>	$\varphi_{1,1}$	$\varphi_{4,0}$	
$1_2 = \chi_{1,1}$	1	.	$\varphi_{1,1} = 1_2$ $\varphi_{4,0} = 16_1$
$16_1 = \chi_{4,0}$	.	1	
$16_3 = \chi_{5,0}$	.	1	
$16_5 = \chi_{6,0}$	.	1	
$16_7 = \chi_{7,0}$	.	1	
$17_1 = \chi_{8,0}$	1	1	

<b>Block 10:</b>	$\varphi_{8+}$	
$16_9 = \chi_{12+}$	1	$\varphi_{8+} = 16_3$
$16_{10} = \chi_{14,0}$	1	
$16_{11} = \chi_{14,1}$	1	
$16_{12} = \chi_{15,0}$	1	
$16_{13} = \chi_{15,1}$	1	
$16_{14} = \chi_{16,0}$	1	
$16_{15} = \chi_{16,1}$	1	
$16_{16} = \chi_{17,0}$	1	
$16_{17} = \chi_{17,1}$	1	