

$L_3(2).2 \pmod{7}$

	blocks	defect	matrix
$G :$	1	1	7×6
	2	0	$7_1 = \chi_{5,0}, \varphi_{4,1}$
	3	0	$7_2 = \chi_{5,1}, \varphi_{4,0}$
$2.G :$	4	1	7×6

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	$\varphi_{1,1} = 1_2$
$6_1 = \chi_{2+}$	.	.	1	1	.	.	$\varphi_{2,0} = 3_1$
$6_2 = \chi_{4,0}$	.	1	.	.	1	.	$\varphi_{2,1} = 3_2$
$6_3 = \chi_{4,1}$	1	.	.	.	.	1	$\varphi_{3,0} = 5_1$
$8_1 = \chi_{6,0}$	.	.	.	1	1	.	$\varphi_{3,1} = 5_2$
$8_2 = \chi_{6,1}$	.	.	1	.	.	1	

Block 4:	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	
$8_3 = \chi_{7+}$	.	.	1	1	.	.	$\varphi_{5,0} = 2_1$
$6_4 = \chi_{9,0}$	.	.	.	.	1	.	$\varphi_{5,1} = 2_2$
$6_5 = \chi_{9,1}$	.	.	.	.	.	1	$\varphi_{6,0} = 4_1$
$6_6 = \chi_{10,0}$	1	.	.	1	.	.	$\varphi_{6,1} = 4_2$
$6_7 = \chi_{10,1}$	.	1	1	.	.	.	$\varphi_{7,0} = 6_1$
$8_4 = \chi_{11,0}$	1	.	.	.	.	1	$\varphi_{7,1} = 6_2$
$8_5 = \chi_{11,1}$	.	1	.	.	1	.	