

$L_5(2).2 \pmod{5}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	5×4		12	0	$630_3 = \chi_{11+}, \varphi_{11+}$
	2	1	5×4		13	0	$930_1 = \chi_{13+}, \varphi_{14+}$
	3	0	$30_1 = \chi_{2,0}, \varphi_{2,0}$		14	0	$930_2 = \chi_{15+}, \varphi_{16+}$
	4	0	$30_2 = \chi_{2,1}, \varphi_{2,1}$		15	0	$930_3 = \chi_{22,0}, \varphi_{20,0}$
	5	0	$155_1 = \chi_{4,0}, \varphi_{4,0}$		16	0	$930_4 = \chi_{22,1}, \varphi_{20,1}$
	6	0	$155_2 = \chi_{4,1}, \varphi_{4,1}$		17	0	$1860_1 = \chi_{23+}, \varphi_{21+}$
	7	1	5×4		18	0	$960_1 = \chi_{25,0}, \varphi_{23,0}$
	8	0	$280_1 = \chi_{6,0}, \varphi_{6,0}$		19	0	$960_2 = \chi_{25,1}, \varphi_{23,1}$
	9	0	$280_2 = \chi_{6,1}, \varphi_{6,1}$		20	0	$1240_1 = \chi_{27,0}, \varphi_{24,0}$
	10	0	$630_1 = \chi_{7+}, \varphi_{7+}$		21	0	$1240_2 = \chi_{27,1}, \varphi_{24,1}$
	11	0	$630_2 = \chi_{9+}, \varphi_{9+}$				

Block 1:	$\varphi_{1,0}$	$\varphi_{3,0}$	$\varphi_{13,1}$	$\varphi_{18,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	$\varphi_{1,0} = 1_1$
$124_1 = \chi_{3,0}$	1	1	.	.	$\varphi_{3,0} = 123_1$
$496_2 = \chi_{17,1}$	.	1	1	.	$\varphi_{13,1} = 373_2$
$651_2 = \chi_{18,1}$	.	.	.	1	$\varphi_{18,1} = 651_2$
$1024_2 = \chi_{26,1}$	.	.	1	1	

Block 2:	$\varphi_{1,1}$	$\varphi_{3,1}$	$\varphi_{13,0}$	$\varphi_{18,0}$	
$1_2 = \chi_{1,1}$	1	.	.	.	$\varphi_{1,1} = 1_2$
$124_2 = \chi_{3,1}$	1	1	.	.	$\varphi_{3,1} = 123_2$
$496_1 = \chi_{17,0}$	.	1	1	.	$\varphi_{13,0} = 373_1$
$651_1 = \chi_{18,0}$	.	.	.	1	$\varphi_{18,0} = 651_1$
$1024_1 = \chi_{26,0}$	.	.	1	1	

Block 7:	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$	
$217_1 = \chi_{5,0}$	1	.	.	.	$\varphi_{5,0} = 217_1$
$217_2 = \chi_{5,1}$	.	1	.	.	$\varphi_{5,1} = 217_2$
$1302_1 = \chi_{19+}$	.	.	1	1	$\varphi_{19,0} = 651_3$
$868_1 = \chi_{21,0}$	1	.	1	.	$\varphi_{19,1} = 651_4$
$868_2 = \chi_{21,1}$	.	1	.	1	