

$L_2(49).2_3 \pmod{5}$

	blocks	defect	matrix
$G :$	1	2	10×4
	2	0	$50_1 = \chi_{2+}, \varphi_{2+}$
	3	0	$50_2 = \chi_{17,0}, \varphi_{5,0}$
	4	0	$50_3 = \chi_{17,1}, \varphi_{5,1}$
	5	0	$50_4 = \chi_{18,0}, \varphi_{6,0}$
	6	0	$50_5 = \chi_{18,1}, \varphi_{6,1}$
	7	0	$50_6 = \chi_{19,0}, \varphi_{7,0}$
	$8 = \bar{7}$	0	$50_7 = \chi_{19,1}, \varphi_{7,1}$

	blocks	defect	matrix
	9	0	$50_8 = \chi_{20,0}, \varphi_{8,0}$
	$10 = \bar{9}$	0	$50_9 = \chi_{20,1}, \varphi_{8,1}$
	11	0	$50_{10} = \chi_{21,0}, \varphi_{9,0}$
	$12 = \bar{11}$	0	$50_{11} = \chi_{21,1}, \varphi_{9,1}$
	13	0	$100_1 = \chi_{22+}, \varphi_{10+}$
	14	0	$100_2 = \chi_{24+}, \varphi_{12+}$
	15	0	$100_3 = \chi_{26+}, \varphi_{14+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	
$1_2 = \chi_{1,1}$.	1	.	.	
$96_1 = \chi_{4+}$.	.	1	1	$\varphi_{1,0} = 1_1$
$96_2 = \chi_{6+}$.	.	1	1	$\varphi_{1,1} = 1_2$
$96_3 = \chi_{8+}$.	.	1	1	$\varphi_{4,0} = 48_1$
$96_4 = \chi_{10+}$.	.	1	1	$\varphi_{4,1} = 48_2$
$96_5 = \chi_{12+}$.	.	1	1	
$96_6 = \chi_{14+}$.	.	1	1	
$49_1 = \chi_{16,0}$	1	.	1	.	
$49_2 = \chi_{16,1}$.	1	.	1	