$L_2(49) \pmod 5$

	blocks	defect	matrix
$G:$	1	2	14×2
	2	0	$25_1 = \chi_2, \varphi_2$
	3	0	$25_2 = \chi_3, \varphi_3$
	4	0	$50_1 = \chi_{17}, \varphi_5$
	5	0	$50_2 = \chi_{18}, \varphi_6$
	6	0	$50_3 = \chi_{19}, \varphi_7$
	7	0	$50_4 = \chi_{20}, \varphi_8$
	8	0	$50_5 = \chi_{21}, \varphi_9$
	9	0	$50_6 = \chi_{22}, \varphi_{10}$
	10	0	$50_7 = \chi_{23}, \varphi_{11}$
	11	0	$50_8 = \chi_{24}, \varphi_{12}$
	12	0	$50_9 = \chi_{25}, \varphi_{13}$
	13	0	$50_{10} = \chi_{26}, \varphi_{14}$
	14	0	$50_{11} = \chi_{27}, \varphi_{15}$

	blocks	defect	matrix
$2.G:$	15	2	14×2
	16	0	$50_{12} = \chi_{42}, \varphi_{18}$
	17	0	$50_{13} = \chi_{43}, \varphi_{19}$
	18	0	$50_{14} = \chi_{44}, \varphi_{20}$
	19	0	$50_{15} = \chi_{45}, \varphi_{21}$
	20	0	$50_{16} = \chi_{46}, \varphi_{22}$
	21	0	$50_{17} = \chi_{47}, \varphi_{23}$
	22	0	$50_{18} = \chi_{48}, \varphi_{24}$
	23	0	$50_{19} = \chi_{49}, \varphi_{25}$
	24	0	$50_{20} = \chi_{50}, \varphi_{26}$
	25	0	$50_{21} = \chi_{51}, \varphi_{27}$
	26	0	$50_{22} = \chi_{52}, \varphi_{28}$
	27	0	$50_{23} = \chi_{53}, \varphi_{29}$

Block 1:	φ_1	φ_4
$1_1 = \chi_1$	1	.
$48_1 = \chi_4$	.	1
$48_2 = \chi_5$	.	1
$48_3 = \chi_6$	.	1
$48_4 = \chi_7$	.	1
$48_5 = \chi_8$	.	1
$48_6 = \chi_9$	.	1
$48_7 = \chi_{10}$	.	1
$48_8 = \chi_{11}$	.	1
$48_9 = \chi_{12}$	.	1
$48_{10} = \chi_{13}$	.	1
$48_{11} = \chi_{14}$	.	1
$48_{12} = \chi_{15}$	.	1
$49_1 = \chi_{16}$	1	1

$\varphi_1 = 1_1$
$\varphi_4 = 48_1$

Block 15:	φ_{16}	φ_{17}
$24_1 = \chi_{28}$	1	.
$24_2 = \chi_{29}$	.	1
$48_{13} = \chi_{30}$	1	1
$48_{14} = \chi_{31}$	1	1
$48_{15} = \chi_{32}$	1	1
$48_{16} = \chi_{33}$	1	1
$48_{17} = \chi_{34}$	1	1
$48_{18} = \chi_{35}$	1	1
$48_{19} = \chi_{36}$	1	1
$48_{20} = \chi_{37}$	1	1
$48_{21} = \chi_{38}$	1	1
$48_{22} = \chi_{39}$	1	1
$48_{23} = \chi_{40}$	1	1
$48_{24} = \chi_{41}$	1	1

$\varphi_{16} = 24_1$
$\varphi_{17} = 24_2$