

$L_2(49) \pmod{2}$

	blocks	defect	matrix		blocks	defect	matrix
$2.G :$	1	5	13×3		8	1	2×1
	2	1	2×1		9	1	2×1
	3	1	2×1		10	1	2×1
	4	1	2×1		11	1	2×1
	5	1	2×1		12	1	2×1
	6	1	2×1		13	1	2×1
	7	1	2×1		14	4	16×1

Block 1:	φ_1	φ_2	φ_3	
$1_1 = \chi_1$	1	.	.	
$25_1 = \chi_2$	1	.	1	
$25_2 = \chi_3$	1	1	.	
$49_1 = \chi_{16}$	1	1	1	
$50_2 = \chi_{18}$	2	1	1	$\varphi_1 = 1_1$
$50_4 = \chi_{20}$	2	1	1	$\varphi_2 = 24_1$
$50_5 = \chi_{21}$	2	1	1	$\varphi_3 = 24_2$
$24_1 = \chi_{28}$	.	1	.	
$24_2 = \chi_{29}$	.	.	1	
$50_{12} = \chi_{42}$	2	1	1	
$50_{13} = \chi_{43}$	2	1	1	
$50_{14} = \chi_{44}$	2	1	1	
$50_{15} = \chi_{45}$	2	1	1	

Block 2:	φ_4	
$48_1 = \chi_4$	1	$\varphi_4 = 48_1$
$48_{13} = \chi_{30}$	1	

Block 3:	φ_5	
$48_2 = \chi_5$	1	$\varphi_5 = 48_2$
$48_{14} = \chi_{31}$	1	

Block 4:	φ_6	
$48_3 = \chi_6$	1	$\varphi_6 = 48_3$
$48_{15} = \chi_{32}$	1	

Block 5:	φ_7	
$48_4 = \chi_7$	1	$\varphi_7 = 48_4$
$48_{16} = \chi_{33}$	1	

Block 6:	φ_8	
$48_5 = \chi_8$	1	$\varphi_8 = 48_5$
$48_{17} = \chi_{34}$	1	

Block 7:	φ_9	
$48_6 = \chi_9$	1	$\varphi_9 = 48_6$
$48_{18} = \chi_{35}$	1	

Block 8:	φ_{10}	
$48_7 = \chi_{10}$	1	$\varphi_{10} = 48_7$
$48_{19} = \chi_{36}$	1	

Block 9:	φ_{11}	
$48_8 = \chi_{11}$	1	$\varphi_{11} = 48_8$
$48_{20} = \chi_{37}$	1	

Block 10:	φ_{12}
$48_9 = \chi_{12}$	1
$48_{21} = \chi_{38}$	1

$$\varphi_{12} = 48_9$$

Block 11:	φ_{13}
$48_{10} = \chi_{13}$	1
$48_{22} = \chi_{39}$	1

$$\varphi_{13} = 48_{10}$$

Block 12:	φ_{14}
$48_{11} = \chi_{14}$	1
$48_{23} = \chi_{40}$	1

$$\varphi_{14} = 48_{11}$$

Block 13:	φ_{15}
$48_{12} = \chi_{15}$	1
$48_{24} = \chi_{41}$	1

$$\varphi_{15} = 48_{12}$$

Block 14:	φ_{16}
$50_1 = \chi_{17}$	1
$50_3 = \chi_{19}$	1
$50_6 = \chi_{22}$	1
$50_7 = \chi_{23}$	1
$50_8 = \chi_{24}$	1
$50_9 = \chi_{25}$	1
$50_{10} = \chi_{26}$	1
$50_{11} = \chi_{27}$	1
$50_{16} = \chi_{46}$	1
$50_{17} = \chi_{47}$	1
$50_{18} = \chi_{48}$	1
$50_{19} = \chi_{49}$	1
$50_{20} = \chi_{50}$	1
$50_{21} = \chi_{51}$	1
$50_{22} = \chi_{52}$	1
$50_{23} = \chi_{53}$	1

$$\varphi_{16} = 50_1$$