

$$L_2(13) \pmod{2}$$

	blocks	defect	matrix
2.G :	1	3	7×3
	2	1	2×1
	3	1	2×1
	4	1	2×1
	5	2	4×1

Block 1:	φ_1	φ_2	φ_3	
$1_1 = \chi_1$	1	.	.	$\varphi_1 = 1_1$ $\varphi_2 = 6_1$ $\varphi_3 = 6_2$
$7_1 = \chi_2$	1	.	1	
$7_2 = \chi_3$	1	1	.	
$13_1 = \chi_7$	1	1	1	
$6_1 = \chi_{10}$	.	1	.	
$6_2 = \chi_{11}$	.	.	1	
$14_3 = \chi_{15}$	2	1	1	

Block 2:	φ_4	
$12_1 = \chi_4$	1	$\varphi_4 = 12_1$
$12_4 = \chi_{12}$	1	

Block 3:	φ_5	
$12_2 = \chi_5$	1	$\varphi_5 = 12_2$
$12_5 = \chi_{13}$	1	

Block 4:	φ_6	
$12_3 = \chi_6$	1	$\varphi_6 = 12_3$
$12_6 = \chi_{14}$	1	

Block 5:	φ_7
$14_1 = \chi_8$	1
$14_2 = \chi_9$	1
$14_4 = \chi_{16}$	1
$14_5 = \chi_{17}$	1

$$\varphi_7 = 14_1$$