

$$L_2(19) \pmod{2}$$

	blocks	defect	matrix
2.G :	1	3	7×3
	2	2	4×1
	3	2	4×1
	4	1	2×1
	5	1	2×1
	6	1	2×1
	7	1	2×1

Block 1:	φ_1	φ_2	φ_3	
$1_1 = \chi_1$	1	.	.	$\varphi_1 = 1_1$ $\varphi_2 = 9_1$ $\varphi_3 = 9_2$
$9_1 = \chi_2$	.	1	.	
$9_2 = \chi_3$	.	.	1	
$19_1 = \chi_8$	1	1	1	
$10_1 = \chi_{13}$	1	.	1	
$10_2 = \chi_{14}$	1	1	.	
$18_5 = \chi_{15}$	.	1	1	

Block 2:	φ_4	
$18_1 = \chi_4$	1	$\varphi_4 = 18_1$
$18_3 = \chi_6$	1	
$18_6 = \chi_{16}$	1	
$18_8 = \chi_{18}$	1	

Block 3:	φ_5	
$18_2 = \chi_5$	1	$\varphi_5 = 18_2$
$18_4 = \chi_7$	1	
$18_7 = \chi_{17}$	1	
$18_9 = \chi_{19}$	1	

Block 4:	φ_6	
$20_1 = \chi_9$	1	$\varphi_6 = 20_1$
$20_5 = \chi_{20}$	1	

Block 5:	φ_7	
$20_2 = \chi_{10}$	1	$\varphi_7 = 20_2$
$20_6 = \chi_{21}$	1	

Block 6:	φ_8	
$20_3 = \chi_{11}$	1	$\varphi_8 = 20_3$
$20_7 = \chi_{22}$	1	

Block 7:	φ_9	
$20_4 = \chi_{12}$	1	$\varphi_9 = 20_4$
$20_8 = \chi_{23}$	1	