

$$M_{12} \pmod{2}$$

	blocks	defect	matrix
$2.G :$	1 2	7 3	19×3 7×3

Block 1:	φ_1	φ_2	φ_5	
$1_1 = \chi_1$	1	.	.	
$11_1 = \chi_2$	1	1	.	
$11_2 = \chi_3$	1	1	.	
$45_1 = \chi_6$	1	.	1	
$54_1 = \chi_7$	.	1	1	
$55_1 = \chi_8$	1	1	1	
$55_2 = \chi_9$	1	1	1	
$55_3 = \chi_{10}$	1	1	1	
$66_1 = \chi_{11}$	2	2	1	$\varphi_1 = 1_1$
$99_1 = \chi_{12}$	1	1	2	$\varphi_2 = 10_1$
$120_1 = \chi_{13}$	2	3	2	$\varphi_5 = 44_1$
$10_1 = \chi_{16}$	.	1	.	
$10_2 = \chi_{17}$	.	1	.	
$12_1 = \chi_{18}$	2	1	.	
$44_1 = \chi_{20}$	.	.	1	
$44_2 = \chi_{21}$	.	.	1	
$110_1 = \chi_{22}$	2	2	2	
$110_2 = \chi_{23}$	2	2	2	
$120_2 = \chi_{24}$	2	3	2	

Block 2:	φ_3	φ_4	φ_6	
$16_1 = \chi_4$	1	.	.	
$16_2 = \chi_5$	.	1	.	
$144_1 = \chi_{14}$	.	.	1	$\varphi_3 = 16_1$
$176_1 = \chi_{15}$	1	1	1	$\varphi_4 = 16_2$
$32_1 = \chi_{19}$	1	1	.	$\varphi_6 = 144_1$
$160_1 = \chi_{25}$	.	1	1	
$160_2 = \chi_{26}$	1	.	1	