

$$M_{23} \pmod{5}$$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	5×4		6	0	$770_1 = \chi_{10}, \varphi_8$
	2	1	4×2		$7 = \overline{6}$	0	$770_2 = \chi_{11}, \varphi_9$
	3	0	$45_1 = \chi_3, \varphi_3$		8	0	$990_1 = \chi_{14}, \varphi_{12}$
	$4 = \overline{3}$	0	$45_2 = \chi_4, \varphi_4$		$9 = \overline{8}$	0	$990_2 = \chi_{15}, \varphi_{13}$
	5	0	$230_1 = \chi_5, \varphi_5$		10	0	$1035_1 = \chi_{16}, \varphi_{14}$

Block 1:	φ_1	φ_6	φ_{10}	φ_{11}		
$1_1 = \chi_1$	1	.	.	.	φ_1	$= 1_1$
$231_1 = \chi_6$	.	1	.	.	φ_6	$= 231_1$
$896_1 = \chi_{12}$	.	.	1	.	φ_{10}	$= 896_1$
$896_2 = \chi_{13}$	.	.	.	1	φ_{11}	$= 896_2$
$2024_1 = \chi_{17}$	1	1	1	1		

Block 2:	φ_2	φ_7		
$22_1 = \chi_2$	1	.	φ_2	$= 22_1$
$231_2 = \chi_7$	.	1	φ_7	$= 231_2$
$231_3 = \chi_8$	.	1		
$253_1 = \chi_9$	1	1		