

$A_8 \pmod{2}$

	blocks	defect	matrix
$2.G :$	1 2	7 1	21×7 2×1

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	
$1_1 = \chi_1$	1	.	.	.	.	.	.	
$7_1 = \chi_2$	1	.	.	1	.	.	.	
$14_1 = \chi_3$	.	1	1	1	.	.	.	
$20_1 = \chi_4$	.	.	.	1	1	.	.	
$21_1 = \chi_5$	1	.	.	1	1	.	.	
$21_2 = \chi_6$	1	.	.	.	.	1	.	
$21_3 = \chi_7$	1	.	.	.	.	.	1	
$28_1 = \chi_8$	.	1	1	1	1	.	.	$\varphi_1 = 1_1$
$35_1 = \chi_9$	1	1	1	2	1	.	.	$\varphi_2 = 4_1$
$45_1 = \chi_{10}$	1	.	1	1	1	.	1	$\varphi_3 = 4_2$
$45_2 = \chi_{11}$	1	1	.	1	1	1	.	$\varphi_4 = 6_1$
$56_1 = \chi_{12}$	2	.	.	.	1	1	1	$\varphi_5 = 14_1$
$70_1 = \chi_{14}$	2	1	1	1	1	1	1	$\varphi_6 = 20_1$
$8_1 = \chi_{15}$	.	1	1	.	.	.	.	$\varphi_7 = 20_2$
$24_1 = \chi_{16}$	.	.	1	.	.	.	1	
$24_2 = \chi_{17}$	.	1	.	.	.	1	.	
$48_1 = \chi_{18}$	.	1	1	2	2	.	.	
$56_2 = \chi_{19}$	2	.	.	.	1	1	1	
$56_3 = \chi_{20}$	2	.	.	.	1	1	1	
$56_4 = \chi_{21}$	2	1	1	2	1	1	.	
$56_5 = \chi_{22}$	2	1	1	2	1	.	1	

Block 2:	φ_8	
$64_1 = \chi_{13}$	1	$\varphi_8 = 64_1$
$64_2 = \chi_{23}$	1	