

$A_{10} \pmod{3}$

	blocks	defect	matrix
$G :$	1 2 3	4 2 0	14×5 9×5 $567_1 = \chi_{24}, \varphi_{11}$
$2.G :$	4 5	4 1	12×3 3×2

Block 1:	φ_1	φ_3	φ_5	φ_6	φ_9	
$1_1 = \chi_1$	1	.	.	.	.	
$35_1 = \chi_3$	1	1	.	.	.	
$42_1 = \chi_5$	1	.	1	.	.	
$75_1 = \chi_6$	.	1	1	.	.	
$84_1 = \chi_7$	.	.	.	1	.	$\varphi_1 = 1_1$
$160_1 = \chi_{10}$	1	1	1	1	.	$\varphi_3 = 34_1$
$210_1 = \chi_{11}$	1	.	1	2	.	$\varphi_5 = 41_1$
$224_1 = \chi_{12}$	.	.	.	.	1	$\varphi_6 = 84_1$
$224_2 = \chi_{13}$	.	.	.	.	1	$\varphi_9 = 224_1$
$300_1 = \chi_{17}$	1	1	1	.	1	
$350_1 = \chi_{19}$	1	.	1	1	1	
$384_1 = \chi_{20}$	1	1	1	1	1	
$384_2 = \chi_{21}$	1	1	1	1	1	
$525_1 = \chi_{23}$	2	1	1	.	2	

Block 2:	φ_2	φ_4	φ_7	φ_8	φ_{10}	
$9_1 = \chi_2$	1	.	.	.	.	
$36_1 = \chi_4$	.	1	.	.	.	$\varphi_2 = 9_1$
$90_1 = \chi_8$	.	.	1	.	.	$\varphi_4 = 36_1$
$126_1 = \chi_9$	.	.	.	1	.	$\varphi_7 = 90_1$
$225_1 = \chi_{14}$	1	.	1	1	.	$\varphi_8 = 126_1$
$252_1 = \chi_{15}$	.	1	1	1	.	$\varphi_{10} = 279_1$
$288_1 = \chi_{16}$	1	.	.	.	1	
$315_1 = \chi_{18}$	.	1	.	.	1	
$450_1 = \chi_{22}$	1	1	.	1	1	

Block 4:	φ_{12}	φ_{13}	φ_{16}	
$16_1 = \chi_{25}$	1	.	.	
$48_1 = \chi_{26}$	.	1	.	
$48_2 = \chi_{27}$	.	1	.	
$64_1 = \chi_{28}$	1	1	.	
$64_2 = \chi_{29}$	1	1	.	$\varphi_{12} = 16_1$
$336_1 = \chi_{32}$	1	.	1	$\varphi_{13} = 48_1$
$336_2 = \chi_{33}$	1	.	1	$\varphi_{16} = 320_1$
$384_3 = \chi_{34}$	1	1	1	
$384_4 = \chi_{35}$	1	1	1	
$400_1 = \chi_{36}$	2	1	1	
$448_1 = \chi_{38}$	2	2	1	
$800_1 = \chi_{39}$	4	2	2	

Block 5:	φ_{14}	φ_{15}	
$216_1 = \chi_{30}$	1	.	$\varphi_{14} = 216_1$
$216_2 = \chi_{31}$	.	1	$\varphi_{15} = 216_2$
$432_1 = \chi_{37}$	1	1	