

$J_2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	3	13×8
	2	1	3×2
	3	1	3×2
	4	0	$189_1 = \chi_{14}, \varphi_{12}$
	5	0	$189_2 = \chi_{15}, \varphi_{13}$
$2.G :$	6	3	13×8
	7	1	3×2
	8	0	$216_1 = \chi_{34}, \varphi_{24}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_7	φ_8	φ_{11}	
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
$14_1 = \chi_2$	1	.	1	.	.	.	.	.	$\varphi_2 = 13_1$
$14_2 = \chi_3$	1	1	.	.	.	.	.	.	$\varphi_3 = 13_2$
$21_1 = \chi_4$	.	.	.	1	.	.	.	.	$\varphi_4 = 21_1$
$21_2 = \chi_5$	.	.	.	.	1	.	.	.	$\varphi_5 = 21_2$
$70_1 = \chi_8$	.	.	1	.	.	.	1	.	$\varphi_7 = 57_1$
$70_2 = \chi_9$	.	1	.	.	.	1	.	.	$\varphi_8 = 57_2$
$160_1 = \chi_{12}$	1	1	1	.	.	.	.	1	$\varphi_{11} = 133_1$
$175_1 = \chi_{13}$	.	.	.	1	1	.	.	1	
$224_1 = \chi_{16}$	.	1	.	.	1	1	.	1	
$224_2 = \chi_{17}$	.	.	1	1	.	.	1	1	
$300_1 = \chi_{20}$	1	2	2	.	.	1	1	1	
$336_1 = \chi_{21}$	2	1	1	1	1	.	.	2	

Block 2:	φ_6	φ_{10}	
$36_1 = \chi_6$	1	.	$\varphi_6 = 36_1$
$90_1 = \chi_{10}$	.	1	$\varphi_{10} = 90_1$
$126_1 = \chi_{11}$	1	1	

Block 3:	φ_9	φ_{14}	
$63_1 = \chi_7$	1	.	$\varphi_9 = 63_1$
$225_1 = \chi_{18}$	.	1	$\varphi_{14} = 225_1$
$288_1 = \chi_{19}$	1	1	

Block 6:	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{25}	
$6_1 = \chi_{22}$	1	.	.	.	.	.	.	.
$6_2 = \chi_{23}$	.	1	.	.	.	.	.	.	$\varphi_{15} = 6_1$
$14_3 = \chi_{24}$	.	.	1	.	.	.	.	.	$\varphi_{16} = 6_2$
$50_1 = \chi_{25}$	.	.	1	1	.	.	.	.	$\varphi_{17} = 14_1$
$50_2 = \chi_{26}$	.	.	1	.	1	.	.	.	$\varphi_{18} = 36_2$
$56_1 = \chi_{27}$	.	1	.	.	.	.	1	.	$\varphi_{19} = 36_3$
$56_2 = \chi_{28}$	1	.	.	.	.	1	.	.	$\varphi_{20} = 50_1$
$64_1 = \chi_{29}$	.	.	1	.	.	1	.	.	$\varphi_{21} = 50_2$
$64_2 = \chi_{30}$	.	.	1	.	.	.	1	.	$\varphi_{25} = 236_1$
$84_1 = \chi_{31}$	1	1	.	1	1	.	.	.	
$336_2 = \chi_{36}$	.	.	2	1	1	.	.	1	
$350_1 = \chi_{37}$	.	.	1	.	.	1	1	1	
$448_1 = \chi_{38}$	1	1	2	1	1	1	1	1	

Block 7:	φ_{22}	φ_{23}	
$126_2 = \chi_{32}$	1	.	$\varphi_{22} = 126_1$
$126_3 = \chi_{33}$	.	1	$\varphi_{23} = 126_2$
$252_1 = \chi_{35}$	1	1	