

$ON \pmod{2}$

	blocks	defect	matrix
$G :$	1	9	20×5
	2	3	5×3
	3	0	$175616_1 = \chi_{23}, \varphi_9$
	4	0	$175616_2 = \chi_{24}, \varphi_{10}$
	5	0	$207360_1 = \chi_{26}, \varphi_{11}$
	6	0	$207360_2 = \chi_{27}, \varphi_{12}$
	7	0	$207360_3 = \chi_{28}, \varphi_{13}$
$3.G :$	8	9	20×5
	$9 = 8^*$		
	10	0	$207360_4 = \chi_{51}, \varphi_{19}$
	$11 = 10^*$		
	12	0	$207360_6 = \chi_{52}, \varphi_{20}$
	$13 = 12^*$		
	14	0	$207360_8 = \chi_{53}, \varphi_{21}$
	$15 = 14^*$		
	16	0	$253440_1 = \chi_{54}, \varphi_{22}$
	$17 = 16^*$		
	$18 = \overline{17}$	0	$253440_3 = \chi_{55}, \varphi_{23}$
$19 = 18^*$			

Block 1:	φ_1	φ_3	φ_6	φ_7	φ_8	
$1_1 = \chi_1$	1	.	.	.	.
$25916_1 = \chi_5$	.	.	.	1	.	
$25916_2 = \chi_6$	.	.	.	1	.	
$32395_1 = \chi_8$	1	1	1	.	.	
$32395_2 = \chi_9$	1	1	1	.	.	
$52668_1 = \chi_{11}$	2	.	1	.	1	
$58311_1 = \chi_{12}$	1	1	1	1	.	
$58311_2 = \chi_{13}$	1	1	1	1	.	$\varphi_1 = 1_1$
$58311_3 = \chi_{14}$	1	1	1	1	.	$\varphi_3 = 12464_1$
$58653_1 = \chi_{15}$	1	.	.	1	1	$\varphi_6 = 19930_1$
$64790_1 = \chi_{16}$	2	2	2	.	.	$\varphi_7 = 25916_1$
$64790_2 = \chi_{17}$	2	2	2	.	.	$\varphi_8 = 32736_1$
$85064_1 = \chi_{18}$	4	1	2	.	1	
$116963_1 = \chi_{19}$	1	1	1	2	1	
$143374_1 = \chi_{20}$	4	2	3	1	1	
$169290_1 = \chi_{21}$	4	2	3	2	1	
$169290_2 = \chi_{22}$	4	2	3	2	1	
$175770_1 = \chi_{25}$	6	3	4	1	1	
$234080_1 = \chi_{29}$	6	4	5	2	1	
$234080_2 = \chi_{30}$	6	4	5	2	1	

Block 2:	φ_2	φ_4	φ_5	
$10944_1 = \chi_2$	1	.	.	$\varphi_2 = 10944_1$
$13376_1 = \chi_3$	.	1	.	$\varphi_4 = 13376_1$
$13376_2 = \chi_4$	.	.	1	$\varphi_5 = 13376_2$
$26752_1 = \chi_7$	.	1	1	
$37696_1 = \chi_{10}$	1	1	1	

Blocks 8, 9:	φ_{14}	φ_{15}	φ_{16}	φ_{17}	φ_{18}	
$342_1 = \chi_{31}$	.	1	.	.	.	
$342_3 = \chi_{32}$	.	1	.	.	.	
$495_1 = \chi_{33}$	1	1	.	.	.	
$495_3 = \chi_{34}$	1	1	.	.	.	
$5643_1 = \chi_{35}$	1	1	1	.	.	
$5643_3 = \chi_{36}$	1	1	1	.	.	
$5643_5 = \chi_{37}$	1	1	1	.	.	
$52668_2 = \chi_{38}$	.	.	1	1	.	$\varphi_{14} = 153_1$
$52668_4 = \chi_{39}$	.	.	1	1	.	$\varphi_{15} = 342_1$
$58311_4 = \chi_{40}$	1	1	2	1	.	$\varphi_{16} = 5148_1$
$58653_2 = \chi_{41}$	1	2	2	1	.	$\varphi_{17} = 47520_1$
$63612_1 = \chi_{42}$	2	3	2	.	1	$\varphi_{18} = 51984_1$
$111321_1 = \chi_{43}$	1	2	3	2	.	
$116622_1 = \chi_{44}$	2	4	3	1	1	
$122760_1 = \chi_{45}$	4	6	4	1	1	
$169290_3 = \chi_{46}$	2	4	4	2	1	
$169290_5 = \chi_{47}$	2	4	4	2	1	
$169632_1 = \chi_{48}$	2	5	4	2	1	
$169632_3 = \chi_{49}$	2	5	4	2	1	
$175770_2 = \chi_{50}$	4	7	5	2	1	