

$ON \pmod{7}$

	blocks	defect	matrix
$G :$	1	3	24×19
	2	0	$58653_1 = \chi_{15}, \varphi_{19}$
	3	0	$85064_1 = \chi_{18}, \varphi_{20}$
	4	0	$116963_1 = \chi_{19}, \varphi_{22}$
	5	0	$143374_1 = \chi_{20}, \varphi_{23}$
	6	0	$175616_1 = \chi_{23}, \varphi_{24}$
	7	0	$175616_2 = \chi_{24}, \varphi_{25}$
$3.G :$	8	3	24×19
	9 = 8*		
	10	0	$58653_2 = \chi_{41}, \varphi_{42}$
	11 = 10*		

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{15}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$10944_1 = \chi_2$	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.
$13376_1 = \chi_3$	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.
$13376_2 = \chi_4$	.	.	.	1	.	.	.	.	1	.	.	.	.	.	.
$25916_1 = \chi_5$	.	1	.	.	.	.	.	.	.	1	1	.	.	.	.
$25916_2 = \chi_6$	.	1	.	.	.	.	.	.	1	.	1	.	.	.	.
$26752_1 = \chi_7$	1	.	.	.	1	.	.	1	.	.	.	.	.	1	.
$32395_1 = \chi_8$	1	.	.	.	1	.	1	1	.	.	.	.	1	.	.
$32395_2 = \chi_9$	1	.	.	.	1	1	.	1	.	.	.	1	.	.	.
$37696_1 = \chi_{10}$	.	.	1	1	.	.	.	.	.	.	.	.	.	.	1
$52668_1 = \chi_{11}$	.	.	1	1	2	.	.	2	.	.	.	1	1	.	.
$58311_1 = \chi_{12}$	.	2	.	.	1	.	.	.	.	.	1	.	.	.	.
$58311_2 = \chi_{13}$	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.
$58311_3 = \chi_{14}$	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$64790_1 = \chi_{16}$	.	1	.	.	.	.	.	.	.	.	1	.	.	.	.
$64790_2 = \chi_{17}$	.	1	.	.	.	.	.	.	.	.	1	.	.	.	.
$169290_1 = \chi_{21}$	1	.	1	1	1	1	1	.	.	.	1	.	.	.	1
$169290_2 = \chi_{22}$	.	.	.	.	1	.	.	1	.	.	.	1	1	1	.
$175770_1 = \chi_{25}$	.	.	.	.	2	.	.	.	.	.	.	.	.	1	.
$207360_1 = \chi_{26}$	.	1	.	.	1	.	.	.	.	.	1	.	.	.	1
$207360_2 = \chi_{27}$	1	.	1	1	2	1	1	1	.	.	.	1	1	.	1
$207360_3 = \chi_{28}$	.	1	1	1	1	1	1	.	1	1	2	.	.	.	1
$234080_1 = \chi_{29}$	.	.	1	1	1	1	1	.	1	1	1	1	1	.	1
$234080_2 = \chi_{30}$	.	.	1	1	1	1	1	.	1	1	1	1	1	.	1

(Block 1:)	φ_{16}	φ_{17}	φ_{18}	φ_{21}
$1_1 = \chi_1$	.	.	.	.
$10944_1 = \chi_2$	.	.	.	.
$13376_1 = \chi_3$	.	.	.	.
$13376_2 = \chi_4$	.	.	.	.
$25916_1 = \chi_5$	.	.	.	.
$25916_2 = \chi_6$	.	.	.	.
$26752_1 = \chi_7$	.	.	.	.
$32395_1 = \chi_8$	.	.	.	.
$32395_2 = \chi_9$	.	.	.	.
$37696_1 = \chi_{10}$	.	.	.	.
$52668_1 = \chi_{11}$	.	.	.	.
$58311_1 = \chi_{12}$	1	.	.	.
$58311_2 = \chi_{13}$	.	.	1	.
$58311_3 = \chi_{14}$	.	1	.	.
$64790_1 = \chi_{16}$	.	1	.	.
$64790_2 = \chi_{17}$	.	.	1	.
$169290_1 = \chi_{21}$	.	1	1	.
$169290_2 = \chi_{22}$	.	.	.	1
$175770_1 = \chi_{25}$	1	.	.	1
$207360_1 = \chi_{26}$	1	.	.	1
$207360_2 = \chi_{27}$	.	.	.	1
$207360_3 = \chi_{28}$	.	1	1	.
$234080_1 = \chi_{29}$	.	.	.	1
$234080_2 = \chi_{30}$	.	.	.	1

φ_1	=	1_1
φ_2	=	406_1
φ_3	=	1221_1
φ_4	=	1221_2
φ_5	=	1618_1
φ_6	=	7281_1
φ_7	=	7281_2
φ_8	=	9326_1
φ_9	=	12155_1
φ_{10}	=	12155_2
φ_{11}	=	13355_1
φ_{12}	=	14169_1
φ_{13}	=	14169_2
φ_{14}	=	15807_1
φ_{15}	=	35254_1
φ_{16}	=	42526_1
φ_{17}	=	51029_1
φ_{18}	=	51029_2
φ_{21}	=	114201_1

Blocks 8, 9:	φ_{26}	φ_{27}	φ_{28}	φ_{29}	φ_{30}	φ_{31}	φ_{32}	φ_{33}	φ_{34}	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}
$342_1 = \chi_{31}$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$342_3 = \chi_{32}$	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$495_1 = \chi_{33}$	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$495_3 = \chi_{34}$	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$5643_1 = \chi_{35}$	1	.	.	.	.	.	1	.	.	.	.	.	.	.
$5643_3 = \chi_{36}$	.	.	.	.	.	.	.	1	.	.	.	.	.	.
$5643_5 = \chi_{37}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$52668_2 = \chi_{38}$	.	.	.	.	.	1	.	.	.	.	.	1	1	.
$52668_4 = \chi_{39}$	.	.	.	.	.	1	.	.	.	.	.	1	1	.
$58311_4 = \chi_{40}$	1	.	.	.	.	1	.	1	1	1	1	.	1	.
$63612_1 = \chi_{42}$	1	1	1	1	1	.	.	.	.	.	.	1	.	1
$111321_1 = \chi_{43}$	2	.	.	1	1	.	1	.	.	.	.	.	.	.
$116622_1 = \chi_{44}$	1	1	1	1	1	.	1	1	1	1	1	.	.	.
$122760_1 = \chi_{45}$	.	.	.	.	.	1	.	.	.	1	.	.	1	.
$169290_3 = \chi_{46}$	1	.	.	1	1	.	.	.	.	.	1	.	.	.
$169290_5 = \chi_{47}$	2	.	.	1	1	.	.	.	.	.	.	.	.	1
$169632_1 = \chi_{48}$	.	.	.	.	.	1	.	.	.	.	1	.	1	.
$169632_3 = \chi_{49}$	2	1	1	1	1	.	1	1	1	1	1	.	.	.
$175770_2 = \chi_{50}$	4	1	1	2	2	.	1	1	1	.	2	.	.	1
$207360_4 = \chi_{51}$	3	1	1	2	2	.	1	1	1	1	1	.	.	1
$207360_6 = \chi_{52}$	1	1	1	1	1	.	.	1	1	1	1	1	1	1
$207360_8 = \chi_{53}$	3	1	1	1	1	1	1	1	1	1	1	.	.	1
$253440_1 = \chi_{54}$	2	1	1	1	1	1	.	1	1	1	1	1	1	1
$253440_3 = \chi_{55}$	2	.	.	1	1	.	1	.	.	.	1	.	.	.

(Blocks 8, 9:)	φ_{40}	φ_{41}	φ_{43}	φ_{44}	φ_{45}	
$342_1 = \chi_{31}$	.	.	.	.	.	
$342_3 = \chi_{32}$	.	.	.	.	.	
$495_1 = \chi_{33}$	.	.	.	.	.	$\varphi_{26} = 45_1$
$495_3 = \chi_{34}$	.	.	.	.	.	$\varphi_{27} = 342_1$
$5643_1 = \chi_{35}$	.	.	.	.	.	$\varphi_{28} = 342_3$
$5643_3 = \chi_{36}$	.	.	.	.	.	$\varphi_{29} = 495_1$
$5643_5 = \chi_{37}$	.	.	.	.	.	$\varphi_{30} = 495_3$
$52668_2 = \chi_{38}$	.	.	.	.	.	$\varphi_{31} = 945_1$
$52668_4 = \chi_{39}$	.	.	.	.	.	$\varphi_{32} = 5598_1$
$58311_4 = \chi_{40}$	.	.	.	.	.	$\varphi_{33} = 5643_1$
$63612_1 = \chi_{42}$	.	.	.	.	.	$\varphi_{34} = 5643_3$
$111321_1 = \chi_{43}$	.	.	.	.	1	$\varphi_{35} = 8865_1$
$116622_1 = \chi_{44}$	.	.	1	.	.	$\varphi_{36} = 10647_1$
$122760_1 = \chi_{45}$	.	.	.	1	.	$\varphi_{37} = 25200_1$
$169290_3 = \chi_{46}$	.	1	.	.	1	$\varphi_{38} = 26523_1$
$169290_5 = \chi_{47}$	1	.	.	1	.	$\varphi_{39} = 36693_1$
$169632_1 = \chi_{48}$	1	.	.	1	.	$\varphi_{40} = 45090_1$
$169632_3 = \chi_{49}$	.	1	1	.	.	$\varphi_{41} = 52965_1$
$175770_2 = \chi_{50}$	1	1	.	.	.	$\varphi_{43} = 78507_1$
$207360_4 = \chi_{51}$	.	1	1	.	.	$\varphi_{44} = 86427_1$
$207360_6 = \chi_{52}$	.	.	.	1	.	$\varphi_{45} = 104643_1$
$207360_8 = \chi_{53}$	1	.	.	1	.	
$253440_1 = \chi_{54}$	1	.	.	1	.	
$253440_3 = \chi_{55}$	.	1	1	.	1	