

$He \pmod{17}$

	blocks	defect	matrix
$G :$	1	1	10×8
	2	0	$51_1 = \chi_2, \varphi_2$
	$3 = \overline{2}$	0	$51_2 = \chi_3, \varphi_3$
	4	0	$153_1 = \chi_4, \varphi_4$
	$5 = \overline{4}$	0	$153_2 = \chi_5, \varphi_5$
	6	0	$680_1 = \chi_6, \varphi_6$
	7	0	$1275_1 = \chi_9, \varphi_8$
	8	0	$1275_2 = \chi_{10}, \varphi_9$
	$9 = \overline{8}$	0	$1275_3 = \chi_{11}, \varphi_{10}$
	10	0	$4080_1 = \chi_{13}, \varphi_{13}$
	11	0	$4352_1 = \chi_{14}, \varphi_{14}$
	12	0	$6528_1 = \chi_{16}, \varphi_{16}$
	13	0	$7497_1 = \chi_{17}, \varphi_{17}$
	$14 = \overline{13}$	0	$7497_2 = \chi_{18}, \varphi_{18}$
	15	0	$7650_1 = \chi_{19}, \varphi_{19}$
	16	0	$7650_2 = \chi_{20}, \varphi_{20}$
	$17 = \overline{16}$	0	$7650_3 = \chi_{21}, \varphi_{21}$
	18	0	$10880_1 = \chi_{22}, \varphi_{23}$
	19	0	$11475_1 = \chi_{23}, \varphi_{24}$
	$20 = \overline{19}$	0	$11475_2 = \chi_{24}, \varphi_{25}$
	21	0	$11900_1 = \chi_{25}, \varphi_{26}$
	22	0	$17493_1 = \chi_{28}, \varphi_{28}$
	23	0	$20825_1 = \chi_{29}, \varphi_{30}$
	24	0	$23324_1 = \chi_{33}, \varphi_{31}$

Block 1:	φ_1	φ_7	φ_{11}	φ_{12}	φ_{15}	φ_{22}	φ_{27}	φ_{29}	
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
$1029_1 = \chi_7$	.	1	.	.	.	.	.	.	$\varphi_7 = 1029_1$
$1029_2 = \chi_8$	.	1	.	.	.	.	.	.	$\varphi_{11} = 1373_1$
$1920_1 = \chi_{12}$	1	.	.	1	.	.	.	.	$\varphi_{12} = 1919_1$
$6272_1 = \chi_{15}$	.	1	.	.	1	.	.	.	$\varphi_{15} = 5243_1$
$13720_1 = \chi_{26}$	.	.	1	.	.	.	1	.	$\varphi_{22} = 9157_1$
$14400_1 = \chi_{27}$	.	.	.	.	1	1	.	.	$\varphi_{27} = 12347_1$
$21504_1 = \chi_{30}$	.	.	.	.	.	1	1	.	$\varphi_{29} = 20131_1$
$21504_2 = \chi_{31}$	.	.	1	.	.	.	.	1	
$22050_1 = \chi_{32}$	.	.	.	1	.	.	.	1	