

$He.2 \pmod{17}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	17×16		16	0	$7650_1 = \chi_{19,0}, \varphi_{19,0}$
	2	0	$102_1 = \chi_{2+}, \varphi_{2+}$		17	0	$7650_2 = \chi_{19,1}, \varphi_{19,1}$
	3	0	$306_1 = \chi_{4+}, \varphi_{4+}$		18	0	$15300_1 = \chi_{20+}, \varphi_{20+}$
	4	0	$680_1 = \chi_{6,0}, \varphi_{6,0}$		19	0	$10880_1 = \chi_{22,0}, \varphi_{23,0}$
	5	0	$680_2 = \chi_{6,1}, \varphi_{6,1}$		20	0	$10880_2 = \chi_{22,1}, \varphi_{23,1}$
	6	0	$1275_1 = \chi_{9,0}, \varphi_{8,0}$		21	0	$22950_1 = \chi_{23+}, \varphi_{24+}$
	7	0	$1275_2 = \chi_{9,1}, \varphi_{8,1}$		22	0	$11900_1 = \chi_{25,0}, \varphi_{26,0}$
	8	0	$2550_1 = \chi_{10+}, \varphi_{9+}$		23	0	$11900_2 = \chi_{25,1}, \varphi_{26,1}$
	9	0	$4080_1 = \chi_{13,0}, \varphi_{13,0}$		24	0	$17493_1 = \chi_{28,0}, \varphi_{28,0}$
	10	0	$4080_2 = \chi_{13,1}, \varphi_{13,1}$		25	0	$17493_2 = \chi_{28,1}, \varphi_{28,1}$
	11	0	$4352_1 = \chi_{14,0}, \varphi_{14,0}$		26	0	$20825_1 = \chi_{29,0}, \varphi_{30,0}$
	12	0	$4352_2 = \chi_{14,1}, \varphi_{14,1}$		27	0	$20825_2 = \chi_{29,1}, \varphi_{30,1}$
	13	0	$6528_1 = \chi_{16,0}, \varphi_{16,0}$		28	0	$23324_1 = \chi_{33,0}, \varphi_{31,0}$
	14	0	$6528_2 = \chi_{16,1}, \varphi_{16,1}$		29	0	$23324_2 = \chi_{33,1}, \varphi_{31,1}$
	15	0	$14994_1 = \chi_{17+}, \varphi_{17+}$				

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$.	1	.	.	.	.	.	.	.	.	.	.
$2058_1 = \chi_{7+}$.	.	1	1	.	.	.	.	.	.	.	.
$1920_1 = \chi_{12,0}$	1	.	.	.	.	.	1	.	.	.	.	.
$1920_2 = \chi_{12,1}$.	1	.	.	.	.	.	1	.	.	.	.
$6272_1 = \chi_{15,0}$.	.	1	.	.	.	.	.	1	.	.	.
$6272_2 = \chi_{15,1}$.	.	.	1	.	.	.	.	.	1	.	.
$13720_1 = \chi_{26,0}$	1	.	.	.	.	.	.
$13720_2 = \chi_{26,1}$	1	.	.	.	.	.	.	.
$14400_1 = \chi_{27,0}$	1	.	.	1
$14400_2 = \chi_{27,1}$	1	1	.
$21504_1 = \chi_{30,0}$	1	.
$21504_2 = \chi_{30,1}$	1
$21504_3 = \chi_{31,0}$	1	.	.	.	.	.	.	.
$21504_4 = \chi_{31,1}$	1	.	.	.	.	.	.
$22050_1 = \chi_{32,0}$	1	.	.	.	.	.
$22050_2 = \chi_{32,1}$	1	.	.	.	.

(Block 1:)	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{29,0}$	$\varphi_{29,1}$	
$1_1 = \chi_{1,0}$	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	$\varphi_{1,1} = 1_2$
$2058_1 = \chi_{7+}$	$\varphi_{7,0} = 1029_1$
$1920_1 = \chi_{12,0}$	$\varphi_{7,1} = 1029_2$
$1920_2 = \chi_{12,1}$	$\varphi_{11,0} = 1373_1$
$6272_1 = \chi_{15,0}$	$\varphi_{11,1} = 1373_2$
$6272_2 = \chi_{15,1}$	$\varphi_{12,0} = 1919_1$
$13720_1 = \chi_{26,0}$	1	.	.	.	$\varphi_{12,1} = 1919_2$
$13720_2 = \chi_{26,1}$.	1	.	.	$\varphi_{15,0} = 5243_1$
$14400_1 = \chi_{27,0}$	$\varphi_{15,1} = 5243_2$
$14400_2 = \chi_{27,1}$	$\varphi_{22,0} = 9157_1$
$21504_1 = \chi_{30,0}$	1	.	.	.	$\varphi_{22,1} = 9157_2$
$21504_2 = \chi_{30,1}$.	1	.	.	$\varphi_{27,0} = 12347_1$
$21504_3 = \chi_{31,0}$.	.	1	.	$\varphi_{27,1} = 12347_2$
$21504_4 = \chi_{31,1}$.	.	.	1	$\varphi_{29,0} = 20131_1$
$22050_1 = \chi_{32,0}$.	.	.	1	$\varphi_{29,1} = 20131_2$
$22050_2 = \chi_{32,1}$.	.	1	.	