

$U_3(8).6 \pmod{19}$

	blocks	defect	matrix
$G :$	1	1	19×18
	2	0	$114_1 = \chi_{3,0+}, \varphi_{3,0+}$
	3	0	$114_2 = \chi_{3,1+}, \varphi_{3,1+}$
	$4 = \bar{3}$	0	$114_3 = \chi_{3,2+}, \varphi_{3,2+}$
	5	0	$133_1 = \chi_{5,0}, \varphi_{5,0}$
	6	0	$133_2 = \chi_{5,1}, \varphi_{5,1}$
	7	0	$133_3 = \chi_{5,2}, \varphi_{5,2}$
	8	0	$133_4 = \chi_{5,3}, \varphi_{5,3}$
	$9 = \bar{7}$	0	$133_5 = \chi_{5,4}, \varphi_{5,4}$
	$10 = \bar{6}$	0	$133_6 = \chi_{5,5}, \varphi_{5,5}$
	11	0	$266_1 = \chi_{6,0+}, \varphi_{6,0+}$
	12	0	$266_2 = \chi_{6,1+}, \varphi_{6,1+}$
	$13 = \bar{12}$	0	$266_3 = \chi_{6,2+}, \varphi_{6,2+}$
	14	0	$1197_1 = \chi_{8,0+}, \varphi_{8,0+}$
	15	0	$1197_2 = \chi_{8,1+}, \varphi_{8,1+}$
	16	0	$912_1 = \chi_{11,0+}, \varphi_{11,0+}$
	17	0	$912_2 = \chi_{11,1+}, \varphi_{11,1+}$
	$18 = \bar{17}$	0	$912_3 = \chi_{11,2+}, \varphi_{11,2+}$
	19	0	$1539_1 = \chi_{14,0+}, \varphi_{14,0+}$
	20	0	$1539_2 = \chi_{14,1+}, \varphi_{14,1+}$
	21	0	$3078_1 = \chi_{17+}, \varphi_{17+}$
$3.G :$	22	0	$342_1 = \chi_{29+}, \varphi_{23+}$
	23	1	11×9
	24	0	$2394_1 = \chi_{35+}, \varphi_{29+}$
	25	0	$2736_1 = \chi_{38+}, \varphi_{32+}$
	26	0	$3078_2 = \chi_{41+}, \varphi_{35+}$
	27	0	$3078_3 = \chi_{44+}, \varphi_{38+}$
	28	0	$3078_4 = \chi_{47+}, \varphi_{41+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{1,3}$	$\varphi_{1,4}$	$\varphi_{1,5}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{2,3}$	$\varphi_{2,4}$	$\varphi_{2,5}$	$\varphi_{13,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$.	1	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$.	.	1	.	.	.	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$.	.	.	1	.	.	.	.	.	.	.	.	.
$1_5 = \chi_{1,4}$	1	.	.	.	.	.	.	.	.
$1_6 = \chi_{1,5}$	1	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	1	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	1	.	.	.	.	.
$56_3 = \chi_{2,2}$	1	.	.	.	.
$56_4 = \chi_{2,3}$	1	.	.	.
$56_5 = \chi_{2,4}$	1	.	.
$56_6 = \chi_{2,5}$	1	.
$512_1 = \chi_{13,0}$	1	.	.	.	.	.	.	.	.	.	.	.	1
$512_2 = \chi_{13,1}$.	1	.	.	.	.	.	.	.	.	.	.	.
$512_3 = \chi_{13,2}$.	.	1	.	.	.	.	.	.	.	.	.	.
$512_4 = \chi_{13,3}$.	.	.	1	.	.	.	.	.	.	.	.	.
$512_5 = \chi_{13,4}$	1	.	.	.	.	.	.	.	.
$512_6 = \chi_{13,5}$	1	.	.	.	.	.	.	.
$3402_1 = \chi_{23+}$	1	1	1	1	1	1	1

(Block 1:)	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{13,3}$	$\varphi_{13,4}$	$\varphi_{13,5}$	
$1_1 = \chi_{1,0}$	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	$\varphi_{1,1} = 1_2$
$1_3 = \chi_{1,2}$	$\varphi_{1,2} = 1_3$
$1_4 = \chi_{1,3}$	$\varphi_{1,3} = 1_4$
$1_5 = \chi_{1,4}$	$\varphi_{1,4} = 1_5$
$1_6 = \chi_{1,5}$	$\varphi_{1,5} = 1_6$
$56_1 = \chi_{2,0}$	$\varphi_{2,0} = 56_1$
$56_2 = \chi_{2,1}$	$\varphi_{2,1} = 56_2$
$56_3 = \chi_{2,2}$	$\varphi_{2,2} = 56_3$
$56_4 = \chi_{2,3}$	$\varphi_{2,3} = 56_4$
$56_5 = \chi_{2,4}$	$\varphi_{2,4} = 56_5$
$56_6 = \chi_{2,5}$	$\varphi_{2,5} = 56_6$
$512_1 = \chi_{13,0}$	$\varphi_{13,0} = 511_1$
$512_2 = \chi_{13,1}$	1	.	.	.	.	$\varphi_{13,1} = 511_2$
$512_3 = \chi_{13,2}$.	1	.	.	.	$\varphi_{13,2} = 511_3$
$512_4 = \chi_{13,3}$.	.	1	.	.	$\varphi_{13,3} = 511_4$
$512_5 = \chi_{13,4}$.	.	.	1	.	$\varphi_{13,4} = 511_5$
$512_6 = \chi_{13,5}$	1	$\varphi_{13,5} = 511_6$
$3402_1 = \chi_{23+}$	1	1	1	1	1	

Block 23:	$\varphi_{26,0+}$	$\varphi_{26,1+}$	$\varphi_{26,2+}$	$\varphi_{27,0+}$	$\varphi_{27,1+}$	$\varphi_{27,2+}$	$\varphi_{28,0+}$	$\varphi_{28,1+}$	$\varphi_{28,2+}$
$378_1 = \chi_{32,0+}$	1	.	.	.	.	.	.	.	.
$378_2 = \chi_{32,1+}$	.	1	.	.	.	.	.	.	.
$378_3 = \chi_{32,2+}$	.	.	1	.	.	.	.	.	.
$378_4 = \chi_{33,0+}$	.	.	.	1	.	.	.	.	.
$378_5 = \chi_{33,1+}$	.	.	.	.	1	.	.	.	.
$378_6 = \chi_{33,2+}$	.	.	.	.	.	1	.	.	.
$378_7 = \chi_{34,0+}$	.	.	.	.	.	.	1	.	.
$378_8 = \chi_{34,2+}$	.	.	.	.	.	.	.	.	1
$378_9 = \chi_{34,1+}$	.	.	.	.	.	.	.	1	.
$3402_2 = \chi_{50+}$	1	1	1	1	1	1	1	1	1
$3402_3 = \chi_{51+}$	1	1	1	1	1	1	1	1	1

$$\begin{aligned} \varphi_{26,0+} &= 378_1 \\ \varphi_{26,1+} &= 378_2 \\ \varphi_{26,2+} &= 378_3 \\ \varphi_{27,0+} &= 378_4 \\ \varphi_{27,1+} &= 378_5 \end{aligned}$$

$$\begin{aligned} \varphi_{27,2+} &= 378_6 \\ \varphi_{28,0+} &= 378_7 \\ \varphi_{28,1+} &= 378_8 \\ \varphi_{28,2+} &= 378_9 \end{aligned}$$