

$$U_3(8).6 \pmod{2}$$

	blocks	defect	matrix
$G :$	1	10	33×10
	2	1	2×1
	3	1	2×1
	$4 = \overline{3}$	1	2×1
$3.G :$	5	9	17×7

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0+}$	φ_{5+}	$\varphi_{11,0+}$	$\varphi_{11,1+}$	$\varphi_{11,2+}$	$\varphi_{13,0+}$	φ_{16+}
$1_1 = \chi_{1,0}$	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	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	2	.	.	.	1	.	.	.	.	.
$56_2 = \chi_{2,1}$	.	2	.	.	1	.	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	2	.	1	.	.	.	.	.
$56_4 = \chi_{2,3}$	2	.	.	.	1	.	.	.	.	.
$56_5 = \chi_{2,4}$	.	2	.	.	1	.	.	.	.	.
$56_6 = \chi_{2,5}$	.	.	2	.	1	.	.	.	.	.
$114_1 = \chi_{3,0+}$	2	2	2	.	1	1	.	.	.	.
$114_2 = \chi_{3,1+}$	2	2	2	.	1	.	1	.	.	.
$114_3 = \chi_{3,2+}$	2	2	2	.	1	.	.	1	.	.
$133_1 = \chi_{5,0}$	1	.	.	1	1	1	.	.	.	.
$133_2 = \chi_{5,1}$	.	1	.	1	1	.	1	.	.	.
$133_3 = \chi_{5,2}$	.	.	1	1	1	.	.	1	.	.
$133_4 = \chi_{5,3}$	1	.	.	1	1	1	.	.	.	.
$133_5 = \chi_{5,4}$	.	1	.	1	1	.	1	.	.	.
$133_6 = \chi_{5,5}$	.	.	1	1	1	.	.	1	.	.
$266_1 = \chi_{6,0+}$	2	.	.	2	2	.	1	1	.	.
$266_2 = \chi_{6,1+}$	.	2	.	2	2	1	.	1	.	.
$266_3 = \chi_{6,2+}$	.	.	2	2	2	1	1	.	.	.
$1197_1 = \chi_{8,0+}$	5	5	5	3	6	1	1	1	1	1
$1197_2 = \chi_{8,1+}$	5	5	5	3	6	1	1	1	1	1
$912_1 = \chi_{11,0+}$	2	2	2	4	5	2	.	.	.	1
$912_2 = \chi_{11,1+}$	2	2	2	4	5	.	2	.	.	1
$912_3 = \chi_{11,2+}$	2	2	2	4	5	.	.	2	.	1
$1539_1 = \chi_{14,0+}$	5	5	5	6	8	2	2	2	1	1
$1539_2 = \chi_{14,1+}$	5	5	5	6	8	2	2	2	1	1
$3078_1 = \chi_{17+}$	8	8	8	10	15	2	2	2	2	3
$3402_1 = \chi_{23+}$	10	10	10	12	17	3	3	3	2	3

$$\begin{array}{ll}
\varphi_{1,0} &= 1_1 \\
\varphi_{1,1} &= 1_2 \\
\varphi_{1,2} &= 1_3 \\
\varphi_{2,0+} &= 24_1 \\
\varphi_{5+} &= 54_1 \\
\varphi_{11,0+} &= 54_2 \\
\varphi_{11,1+} &= 54_3 \\
\varphi_{11,2+} &= 54_4 \\
\varphi_{13,0+} &= 192_1 \\
\varphi_{16+} &= 432_1
\end{array}$$

Block 2:	$\varphi_{22,0}$	
$512_1 = \chi_{13,0}$	1	$\varphi_{22,0} = 512_1$
$512_4 = \chi_{13,3}$	1	

Block 3:	$\varphi_{22,1}$	
$512_2 = \chi_{13,1}$	1	$\varphi_{22,1} = 512_2$
$512_5 = \chi_{13,4}$	1	

Block 4:	$\varphi_{22,2}$	
$512_3 = \chi_{13,2}$	1	$\varphi_{22,2} = 512_3$
$512_6 = \chi_{13,5}$	1	

Block 5:	φ_{23+}	φ_{28+}	φ_{33+}	φ_{38+}	φ_{43+}	φ_{48+}	φ_{53+}	
$342_1 = \chi_{29+}$	4	2	.	.	1	.	.	
$378_1 = \chi_{32,0+}$	1	1	1	.	1	.	.	
$378_2 = \chi_{32,1+}$	1	1	1	.	1	.	.	
$378_3 = \chi_{32,2+}$	1	1	1	.	1	.	.	
$378_4 = \chi_{33,0+}$	1	1	1	.	1	.	.	$\varphi_{23+} = 18_1$
$378_5 = \chi_{33,1+}$	1	1	1	.	1	.	.	$\varphi_{28+} = 54_5$
$378_6 = \chi_{33,2+}$	1	1	1	.	1	.	.	$\varphi_{33+} = 144_1$
$378_7 = \chi_{34,0+}$	1	1	1	.	1	.	.	$\varphi_{38+} = 144_2$
$378_8 = \chi_{34,2+}$	1	1	1	.	1	.	.	$\varphi_{43+} = 162_1$
$378_9 = \chi_{34,1+}$	1	1	1	.	1	.	.	$\varphi_{48+} = 432_2$
$2394_1 = \chi_{35+}$	12	7	3	2	4	1	.	$\varphi_{53+} = 1152_1$
$2736_1 = \chi_{38+}$	12	6	.	2	2	1	1	
$3078_2 = \chi_{41+}$	12	7	1	3	2	1	1	
$3078_3 = \chi_{44+}$	15	8	3	3	4	2	.	
$3078_4 = \chi_{47+}$	13	8	5	2	6	1	.	
$3402_2 = \chi_{50+}$	15	9	1	3	3	1	1	
$3402_3 = \chi_{51+}$	16	8	4	3	5	2	.	