

$U_3(8).3_1 \pmod{2}$

	blocks	defect	matrix
$G :$	1	9	33×15
	2	0	$512_1 = \chi_{13,0}, \varphi_{22,0}$
	3	0	$512_2 = \chi_{13,1}, \varphi_{22,1}$
	$4 = \bar{3}$	0	$512_3 = \chi_{13,2}, \varphi_{22,2}$
$3.G :$	5	9	17×7
	$6 = 5^*$		

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	φ_{2+}	φ_{5+}	φ_{6+}	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{12,2}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	2	.	.	.	1	1	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	.	2	.	.	1	1	.	.	.	.	.	.
$56_3 = \chi_{2,2}$	.	.	2	.	1	1	.	.	.	.	.	.
$57_1 = \chi_{3,0}$	1	1	1	.	.	1	.	.	.	1	.	.
$57_2 = \chi_{3,1}$	1	1	1	.	.	1	.	.	.	.	1	.
$57_3 = \chi_{3,2}$	1	1	1	.	.	1	.	.	.	.	.	1
$57_4 = \chi_{4,0}$	1	1	1	.	1	.	1	.	.	.	.	.
$57_5 = \chi_{4,1}$	1	1	1	.	1	.	.	1	.	.	.	.
$57_6 = \chi_{4,2}$	1	1	1	.	1	.	.	.	1	.	.	.
$133_1 = \chi_{5,0}$	1	.	.	1	1	1	1	.	.	1	.	.
$133_2 = \chi_{5,1}$	.	1	.	1	1	1	.	1	.	.	1	.
$133_3 = \chi_{5,2}$	.	.	1	1	1	1	.	.	1	.	.	1
$133_4 = \chi_{6,0}$	1	.	.	1	1	1	.	1	.	.	.	1
$133_5 = \chi_{6,1}$	.	1	.	1	1	1	.	.	1	1	.	.
$133_6 = \chi_{6,2}$	.	.	1	1	1	1	1	.	.	.	1	.
$133_7 = \chi_{7,0}$	1	.	.	1	1	1	.	.	1	.	1	.
$133_8 = \chi_{7,1}$	.	1	.	1	1	1	1	.	.	.	.	1
$133_9 = \chi_{7,2}$	.	.	1	1	1	1	.	1	.	1	.	.
$1197_1 = \chi_{8+}$	5	5	5	3	6	6	1	1	1	1	1	1
$456_1 = \chi_{11,0}$	1	1	1	2	2	3	.	.	.	2	.	.
$456_2 = \chi_{11,1}$	1	1	1	2	2	3	.	.	.	.	2	.
$456_3 = \chi_{11,2}$	1	1	1	2	2	3	.	.	.	.	.	2
$456_4 = \chi_{12,0}$	1	1	1	2	3	2	2	.	.	.	.	.
$456_5 = \chi_{12,1}$	1	1	1	2	3	2	.	2	.	.	.	.
$456_6 = \chi_{12,2}$	1	1	1	2	3	2	.	.	2	.	.	.
$1539_1 = \chi_{14+}$	5	5	5	6	8	8	2	2	2	2	2	2
$1539_2 = \chi_{17+}$	4	4	4	5	8	7	1	1	1	1	1	1
$1539_3 = \chi_{18+}$	4	4	4	5	7	8	1	1	1	1	1	1
$1701_1 = \chi_{23+}$	5	5	5	6	10	7	2	2	2	1	1	1
$1701_2 = \chi_{24+}$	5	5	5	6	7	10	1	1	1	2	2	2

(Block 1:)	φ_{13+}	φ_{16+}	φ_{17+}	
$1_1 = \chi_{1,0}$.	.	.	
$1_2 = \chi_{1,1}$.	.	.	
$1_3 = \chi_{1,2}$.	.	.	
$56_1 = \chi_{2,0}$.	.	.	
$56_2 = \chi_{2,1}$.	.	.	
$56_3 = \chi_{2,2}$.	.	.	
$57_1 = \chi_{3,0}$.	.	.	
$57_2 = \chi_{3,1}$.	.	.	
$57_3 = \chi_{3,2}$.	.	.	$\varphi_{1,0} = 1_1$
$57_4 = \chi_{4,0}$.	.	.	$\varphi_{1,1} = 1_2$
$57_5 = \chi_{4,1}$.	.	.	$\varphi_{1,2} = 1_3$
$57_6 = \chi_{4,2}$.	.	.	$\varphi_{2+} = 24_1$
$133_1 = \chi_{5,0}$.	.	.	$\varphi_{5+} = 27_1$
$133_2 = \chi_{5,1}$.	.	.	$\varphi_{6+} = 27_2$
$133_3 = \chi_{5,2}$.	.	.	$\varphi_{11,0} = 27_3$
$133_4 = \chi_{6,0}$.	.	.	$\varphi_{11,1} = 27_4$
$133_5 = \chi_{6,1}$.	.	.	$\varphi_{11,2} = 27_5$
$133_6 = \chi_{6,2}$.	.	.	$\varphi_{12,0} = 27_6$
$133_7 = \chi_{7,0}$.	.	.	$\varphi_{12,1} = 27_7$
$133_8 = \chi_{7,1}$.	.	.	$\varphi_{12,2} = 27_8$
$133_9 = \chi_{7,2}$.	.	.	$\varphi_{13+} = 192_1$
$1197_1 = \chi_{8+}$	1	1	1	$\varphi_{16+} = 216_1$
$456_1 = \chi_{11,0}$.	1	.	$\varphi_{17+} = 216_2$
$456_2 = \chi_{11,1}$.	1	.	
$456_3 = \chi_{11,2}$.	1	.	
$456_4 = \chi_{12,0}$.	.	1	
$456_5 = \chi_{12,1}$.	.	1	
$456_6 = \chi_{12,2}$.	.	1	
$1539_1 = \chi_{14+}$	1	1	1	
$1539_2 = \chi_{17+}$	1	2	1	
$1539_3 = \chi_{18+}$	1	1	2	
$1701_1 = \chi_{23+}$	1	1	2	
$1701_2 = \chi_{24+}$	1	2	1	

Blocks 5, 6:	φ_{23+}	φ_{28+}	φ_{33+}	φ_{38+}	φ_{43+}	φ_{48+}	φ_{53+}	
$171_1 = \chi_{29+}$	4	2	.	.	1	.	.	
$189_1 = \chi_{32,0}$	1	1	1	.	1	.	.	
$189_2 = \chi_{32,1}$	1	1	1	.	1	.	.	
$189_3 = \chi_{32,2}$	1	1	1	.	1	.	.	
$189_7 = \chi_{33,0}$	1	1	1	.	1	.	.	$\varphi_{23+} = 9_1$
$189_8 = \chi_{33,1}$	1	1	1	.	1	.	.	$\varphi_{28+} = 27_9$
$189_9 = \chi_{33,2}$	1	1	1	.	1	.	.	$\varphi_{33+} = 72_1$
$189_{13} = \chi_{34,0}$	1	1	1	.	1	.	.	$\varphi_{38+} = 72_3$
$189_{14} = \chi_{34,1}$	1	1	1	.	1	.	.	$\varphi_{43+} = 81_1$
$189_{15} = \chi_{34,2}$	1	1	1	.	1	.	.	$\varphi_{48+} = 216_3$
$1197_2 = \chi_{35+}$	12	7	3	2	4	1	.	$\varphi_{53+} = 576_1$
$1368_1 = \chi_{38+}$	12	6	.	2	2	1	1	
$1539_4 = \chi_{41+}$	12	7	1	3	2	1	1	
$1539_6 = \chi_{44+}$	15	8	3	3	4	2	.	
$1539_8 = \chi_{47+}$	13	8	5	2	6	1	.	
$1701_3 = \chi_{50+}$	15	9	1	3	3	1	1	
$1701_5 = \chi_{51+}$	16	8	4	3	5	2	.	