

$U_3(11).2 \pmod{2}$

	blocks	defect	matrix
$G :$	1	6	15×3
	2	5	10×2
	3	4	7×1
	4	4	7×1
	5	0	$2880_1 = \chi_{37+}, \varphi_{9+}$
	6	0	$2880_2 = \chi_{39+}, \varphi_{11+}$
	7	0	$2880_3 = \chi_{41+}, \varphi_{13+}$
	8	0	$2880_4 = \chi_{43+}, \varphi_{15+}$
	9	0	$2880_5 = \chi_{45+}, \varphi_{17+}$
	10	0	$2880_6 = \chi_{47+}, \varphi_{19+}$
$3.G :$	11	5	16×2
	12	0	$960_1 = \chi_{53+}, \varphi_{22+}$
	13	0	$960_2 = \chi_{54+}, \varphi_{23+}$
	$14 = \overline{13}$	0	$960_3 = \chi_{55+}, \varphi_{24+}$

	blocks	defect	matrix
	15	3	8×1
	16	3	8×1
	17	0	$2880_7 = \chi_{84+}, \varphi_{28+}$
	18	0	$2880_8 = \chi_{85+}, \varphi_{29+}$
	19	0	$2880_9 = \chi_{86+}, \varphi_{30+}$
	20	0	$2880_{10} = \chi_{87+}, \varphi_{31+}$
	21	0	$2880_{11} = \chi_{88+}, \varphi_{32+}$
	22	0	$2880_{12} = \chi_{89+}, \varphi_{33+}$
	23	0	$2880_{13} = \chi_{90+}, \varphi_{34+}$
	24	0	$2880_{14} = \chi_{91+}, \varphi_{35+}$
	25	0	$2880_{15} = \chi_{92+}, \varphi_{36+}$
	26	0	$2880_{16} = \chi_{93+}, \varphi_{37+}$
	27	0	$2880_{17} = \chi_{94+}, \varphi_{38+}$
	28	0	$2880_{18} = \chi_{95+}, \varphi_{39+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{6,0}$
$1_1 = \chi_{1,0}$	1	.	.
$1_2 = \chi_{1,1}$	1	.	.
$110_1 = \chi_{2,0}$	.	1	.
$110_2 = \chi_{2,1}$	.	1	.
$111_1 = \chi_{3,0}$	1	1	.
$111_2 = \chi_{3,1}$	1	1	.
$222_1 = \chi_{4+}$	2	2	.
$1110_3 = \chi_{10,0}$	.	.	1
$1110_4 = \chi_{10,1}$	.	.	1
$1221_1 = \chi_{15,0}$	1	1	1
$1221_2 = \chi_{15,1}$	1	1	1
$2442_1 = \chi_{16+}$	2	2	2
$1331_1 = \chi_{18,0}$	1	2	1
$1331_2 = \chi_{18,1}$	1	2	1
$2664_1 = \chi_{19+}$	4	4	2

$$\begin{aligned}
 \varphi_{1,0} &= 1_1 \\
 \varphi_{2,0} &= 110_1 \\
 \varphi_{6,0} &= 1110_1
 \end{aligned}$$

Block 2:	$\varphi_{3,0}$	φ_{4+}		
$370_1 = \chi_{6,0}$	1	.		
$370_2 = \chi_{6,1}$	1	.		
$740_1 = \chi_{7+}$	.	1		
$1110_1 = \chi_{9,0}$	1	1	$\varphi_{3,0} =$	370_1
$1110_2 = \chi_{9,1}$	1	1	$\varphi_{4+} =$	740_1
$1110_5 = \chi_{11,0}$	1	1		
$1110_6 = \chi_{11,1}$	1	1		
$1110_7 = \chi_{12,0}$	1	1		
$1110_8 = \chi_{12,1}$	1	1		
$2220_1 = \chi_{13+}$	2	2		

Block 3:	$\varphi_{7,0}$	
$1332_1 = \chi_{21,0}$	1	
$1332_2 = \chi_{21,1}$	1	
$1332_5 = \chi_{23,0}$	1	$\varphi_{7,0} =$
$1332_6 = \chi_{23,1}$	1	1332_1
$2664_2 = \chi_{25+}$	2	
$2664_4 = \chi_{29+}$	2	
$2664_6 = \chi_{33+}$	2	

Block 4:	$\varphi_{8,0}$	
$1332_3 = \chi_{22,0}$	1	
$1332_4 = \chi_{22,1}$	1	
$1332_7 = \chi_{24,0}$	1	$\varphi_{8,0} =$
$1332_8 = \chi_{24,1}$	1	1332_2
$2664_3 = \chi_{27+}$	2	
$2664_5 = \chi_{31+}$	2	
$2664_7 = \chi_{35+}$	2	

Block 11:	φ_{21+}	φ_{25+}		
$222_2 = \chi_{49+}$	1	.		
$222_3 = \chi_{50+}$	1	.		
$222_4 = \chi_{51+}$	1	.		
$222_5 = \chi_{52+}$	1	.		
$2220_2 = \chi_{56+}$	.	1		
$2220_3 = \chi_{57+}$	.	1		
$2220_4 = \chi_{58+}$	.	1	$\varphi_{21+} = 222_1$	
$2220_5 = \chi_{59+}$	.	1	$\varphi_{25+} = 2220_1$	
$2220_6 = \chi_{60+}$	.	1		
$2220_7 = \chi_{61+}$	.	1		
$2442_2 = \chi_{62+}$	1	1		
$2442_3 = \chi_{63+}$	1	1		
$2442_4 = \chi_{64+}$	1	1		
$2442_5 = \chi_{65+}$	1	1		
$2664_8 = \chi_{66+}$	2	1		
$2664_9 = \chi_{67+}$	2	1		

Block 15:	φ_{26+}		
$2664_{10} = \chi_{68+}$	1		
$2664_{12} = \chi_{70+}$	1		
$2664_{14} = \chi_{72+}$	1		
$2664_{15} = \chi_{73+}$	1	$\varphi_{26+} = 2664_1$	
$2664_{18} = \chi_{76+}$	1		
$2664_{19} = \chi_{77+}$	1		
$2664_{22} = \chi_{80+}$	1		
$2664_{23} = \chi_{81+}$	1		

Block 16:	φ_{27+}		
$2664_{11} = \chi_{69+}$	1		
$2664_{13} = \chi_{71+}$	1		
$2664_{16} = \chi_{74+}$	1		
$2664_{17} = \chi_{75+}$	1	$\varphi_{27+} = 2664_2$	
$2664_{20} = \chi_{78+}$	1		
$2664_{21} = \chi_{79+}$	1		
$2664_{24} = \chi_{82+}$	1		
$2664_{25} = \chi_{83+}$	1		