

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

	blocks	defect	matrix
$G :$	1	3	43×35
	2	0	$1331_1 = \chi_{18,0}, \varphi_{41,0}$
	3	0	$1331_2 = \chi_{18,1}, \varphi_{41,1}$
$3.G :$	4	3	47×40

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	φ_{3+}	$\varphi_{5,0}$	$\varphi_{5,1}$	φ_{6+}	φ_{8+}	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	φ_{13+}
$1_1 = \chi_{1,0}$	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	.	.	.	.	.	.	.	.
$111_2 = \chi_{3,1}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$222_1 = \chi_{4+}$	1	1	.	.	.	.	.	1	.	.	.	.	.
$370_1 = \chi_{6,0}$	.	.	.	.	.	1	.	.	.	.	1	.	.
$370_2 = \chi_{6,1}$	.	.	.	.	.	.	1	.	.	.	.	1	.
$740_1 = \chi_{7+}$	.	.	.	.	.	1	1	.	.	.	1	1	.
$1110_1 = \chi_{9,0}$	1	.	1	.	.	.	.	1	.	.	.	.	1
$1110_2 = \chi_{9,1}$	.	1	.	1	.	.	.	1	.	.	.	.	1
$1110_3 = \chi_{10,0}$	.	.	1	.	.	1	.	.	1	.	.	.	.
$1110_4 = \chi_{10,1}$	.	.	.	1	.	.	1	.	1	.	.	.	.
$1110_5 = \chi_{11,0}$	1	.	.	.	.	.	.	.	.	1	.	.	.
$1110_6 = \chi_{11,1}$	.	1	.	.	.	.	.	.	.	1	.	.	.
$1110_7 = \chi_{12,0}$	.	.	.	.	1	.	.	.	1	.	1	.	.
$1110_8 = \chi_{12,1}$	.	.	.	.	1	.	.	.	1	.	.	1	.
$2220_1 = \chi_{13+}$	.	.	.	.	1	.	.	1	.	.	.	.	.
$1221_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1221_2 = \chi_{15,1}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$2442_1 = \chi_{16+}$	.	.	.	.	.	.	.	.	.	.	.	.	2
$2664_1 = \chi_{19+}$	.	.	.	.	1	.	.	.	2	.	.	.	.
$1332_1 = \chi_{21,0}$	.	.	1	.	.	1	.	1	.	.	.	.	.
$1332_2 = \chi_{21,1}$	.	.	.	1	.	.	1	1	.	.	.	.	.
$1332_3 = \chi_{22,0}$	.	.	.	.	.	1	1	.	1	.	1	.	.
$1332_4 = \chi_{22,1}$	.	.	.	.	.	1	1	.	1	.	.	1	.
$1332_5 = \chi_{23,0}$	.	.	.	.	.	1	.	.	1	.	2	1	.
$1332_6 = \chi_{23,1}$	.	.	.	.	.	.	1	.	1	.	1	2	.
$1332_7 = \chi_{24,0}$	1	.	1	.	.	.	.	.	.	.	.	.	1
$1332_8 = \chi_{24,1}$	.	1	.	1	.	.	.	.	.	.	.	.	1
$2664_2 = \chi_{25+}$	.	.	.	.	.	.	.	1	.	.	.	.	.
$2664_3 = \chi_{27+}$	.	.	1	1	.	.	.	1	.	.	.	.	2
$2664_4 = \chi_{29+}$	.	.	1	1	1	.	.	1	1	.	.	.	.
$2664_5 = \chi_{31+}$	.	.	.	.	1	1	1	.	1	.	1	1	.
$2664_6 = \chi_{33+}$	.	.	.	.	.	.	.	.	.	2	.	.	1
$2664_7 = \chi_{35+}$	.	.	.	.	1	.	.	.	.	.	.	.	1
$2880_1 = \chi_{37+}$	.	.	.	.	.	1	1	.	2	.	2	2	.
$2880_2 = \chi_{39+}$	.	.	1	1	1	.	.	1	.	.	.	.	1
$2880_3 = \chi_{41+}$	1	1	.	.	.	.	.	.	.	1	.	.	2

(Block 1:)	φ_{15+}	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{20,0}$	$\varphi_{20,1}$	φ_{21+}	φ_{23+}	φ_{25+}	φ_{27+}	$\varphi_{29,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.
$110_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.
$110_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.
$111_1 = \chi_{3,0}$	.	.	1	.	.	.	.	.	.	.	.
$111_2 = \chi_{3,1}$	.	.	.	1	.	.	.	.	.	.	.
$222_1 = \chi_{4+}$	.	1	.	.	.	.	.	.	.	.	.
$370_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.	1
$370_2 = \chi_{6,1}$	.	.	.	.	.	.	.	.	.	.	.
$740_1 = \chi_{7+}$	.	.	.	.	.	.	.	.	.	.	1
$1110_1 = \chi_{9,0}$	.	1	.	.	.	.	.	.	.	.	.
$1110_2 = \chi_{9,1}$	.	1	.	.	.	.	.	.	.	.	.
$1110_3 = \chi_{10,0}$	1	.	.	.	.	.	.	.	1	.	.
$1110_4 = \chi_{10,1}$	1	.	.	.	.	.	.	.	1	.	.
$1110_5 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.	.
$1110_6 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.	.	.
$1110_7 = \chi_{12,0}$	.	.	.	1	1	.	.	.	.	.	.
$1110_8 = \chi_{12,1}$	.	.	1	.	.	1	.	.	.	.	.
$2220_1 = \chi_{13+}$	1	.	.	.	.	.	.	1	.	1	.
$1221_1 = \chi_{15,0}$	.	.	.	1	2	.	.	.	.	.	.
$1221_2 = \chi_{15,1}$	.	.	1	.	.	2	.	.	.	.	.
$2442_1 = \chi_{16+}$	.	1	.	.	.	.	1	.	.	.	.
$2664_1 = \chi_{19+}$	1	.	1	1	1	1	.	.	.	.	.
$1332_1 = \chi_{21,0}$	1	.	.	.	.	.	.	.	1	.	.
$1332_2 = \chi_{21,1}$	1	.	.	.	.	.	.	.	1	.	.
$1332_3 = \chi_{22,0}$	.	.	.	.	1	.	.	.	.	.	1
$1332_4 = \chi_{22,1}$	.	.	.	.	.	1	.	.	.	.	.
$1332_5 = \chi_{23,0}$	.	.	.	.	.	.	.	.	.	.	1
$1332_6 = \chi_{23,1}$	.	.	.	.	.	.	.	.	.	.	1
$1332_7 = \chi_{24,0}$	.	1	.	.	.	.	.	.	.	.	.
$1332_8 = \chi_{24,1}$	.	1	.	.	.	.	.	.	.	.	.
$2664_2 = \chi_{25+}$	.	.	.	.	1	1	.	1	.	.	.
$2664_3 = \chi_{27+}$	1	1	.	.	.	.	.	.	.	1	.
$2664_4 = \chi_{29+}$	1	.	.	.	.	.	.	1	1	1	.
$2664_5 = \chi_{31+}$	2	.	.	.	.	.	.	.	1	.	.
$2664_6 = \chi_{33+}$	.	.	.	.	.	.	1	.	.	.	.
$2664_7 = \chi_{35+}$	.	.	.	.	.	.	.	1	.	1	.
$2880_1 = \chi_{37+}$	1	.	.	.	.	.	.	.	.	.	1
$2880_2 = \chi_{39+}$	2	.	.	.	.	.	.	.	1	1	.
$2880_3 = \chi_{41+}$	.	1	.	.	.	.	1	.	.	.	.

[illegible]

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	φ_{3+}	$\varphi_{5,0}$	$\varphi_{5,1}$	φ_{6+}	φ_{8+}	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	φ_{13+}
$2880_4 = \chi_{43+}$	.	.	.	.	1	.	.	.	1	.	.	.	.
$2880_5 = \chi_{45+}$	.	.	1	1	.	.	.	1	.	.	.	.	1
$2880_6 = \chi_{47+}$	.	.	.	.	1	1	1	1	1	.	.	.	.

(Block 1:)	φ_{15+}	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{20,0}$	$\varphi_{20,1}$	φ_{21+}	φ_{23+}	φ_{25+}	φ_{27+}	$\varphi_{29,0}$
$2880_4 = \chi_{43+}$	.	.	1	1	1	1	.	1	.	.	.
$2880_5 = \chi_{45+}$	.	1	.	.	.	.	.	1	.	1	.
$2880_6 = \chi_{47+}$	1	.	.	.	1	1	.	.	1	.	.

(Block 1:)	$\varphi_{29,1}$	φ_{30+}	φ_{32+}	$\varphi_{34,0}$	$\varphi_{34,1}$	φ_{35+}	$\varphi_{37,0}$	$\varphi_{37,1}$	φ_{38+}	$\varphi_{40,0}$	$\varphi_{40,1}$
$2880_4 = \chi_{43+}$	.	.	1	.	.	1	.	.	.	.	.
$2880_5 = \chi_{45+}$	.	.	.	.	.	.	.	.	1	.	.
$2880_6 = \chi_{47+}$	.	1	.	.	.	1	.	.	.	.	.

$\varphi_{1,0} = 1_1$	$\varphi_{20,1} = 125_2$
$\varphi_{1,1} = 1_2$	$\varphi_{21+} = 286_1$
$\varphi_{2,0} = 8_1$	$\varphi_{23+} = 308_1$
$\varphi_{2,1} = 8_2$	$\varphi_{25+} = 358_1$
$\varphi_{3+} = 20_1$	$\varphi_{27+} = 504_1$
$\varphi_{5,0} = 27_1$	$\varphi_{29,0} = 279_1$
$\varphi_{5,1} = 27_2$	$\varphi_{29,1} = 279_2$
$\varphi_{6+} = 56_1$	$\varphi_{30+} = 740_1$
$\varphi_{8+} = 70_1$	$\varphi_{32+} = 880_1$
$\varphi_{10+} = 110_1$	$\varphi_{34,0} = 485_1$
$\varphi_{12,0} = 64_1$	$\varphi_{34,1} = 485_2$
$\varphi_{12,1} = 64_2$	$\varphi_{35+} = 1170_1$
$\varphi_{13+} = 160_1$	$\varphi_{37,0} = 721_1$
$\varphi_{15+} = 162_1$	$\varphi_{37,1} = 721_2$
$\varphi_{17+} = 164_1$	$\varphi_{38+} = 1672_1$
$\varphi_{19,0} = 91_1$	$\varphi_{40,0} = 999_1$
$\varphi_{19,1} = 91_2$	$\varphi_{40,1} = 999_2$
$\varphi_{20,0} = 125_1$	

Block 4:	φ_{42+}	φ_{43+}	φ_{44+}	φ_{45+}	φ_{46+}	φ_{47+}	φ_{48+}	φ_{49+}	φ_{50+}	φ_{51+}	φ_{52+}
$222_2 = \chi_{49+}$	1	.	.	.	1	.	.	.	.	.	.
$222_3 = \chi_{50+}$	.	.	.	.	.	.	1	.	.	.	.
$222_4 = \chi_{51+}$	.	1	.	1	.	.	.	.	.	.	.
$222_5 = \chi_{52+}$	.	.	.	.	.	.	.	.	1	.	.
$960_1 = \chi_{53+}$	.	.	.	.	.	.	.	1	.	.	1
$960_2 = \chi_{54+}$	.	.	.	.	.	.	.	1	.	.	1
$960_3 = \chi_{55+}$	.	.	.	.	.	.	.	1	.	.	1
$2220_2 = \chi_{56+}$	.	1	.	1	.	1	.	.	.	1	1
$2220_3 = \chi_{57+}$	.	.	.	1	1	.	.	.	.	.	.
$2220_4 = \chi_{58+}$	1	.	.	.	.	.	1	.	1	.	.
$2220_5 = \chi_{59+}$	1	.	1	.	1	.	.	.	.	1	.
$2220_6 = \chi_{60+}$	.	.	1	.	.	1	.	2	.	.	1
$2220_7 = \chi_{61+}$	.	1	.	.	.	.	1	.	.	.	.
$2442_2 = \chi_{62+}$	.	.	.	.	.	.	.	.	.	.	.
$2442_3 = \chi_{63+}$	.	.	.	.	.	.	.	.	2	.	.
$2442_4 = \chi_{64+}$	.	.	.	.	.	.	.	.	.	.	.
$2442_5 = \chi_{65+}$	.	.	.	.	.	.	.	.	.	.	.
$2664_8 = \chi_{66+}$	.	.	1	.	1	.	.	1	.	1	1
$2664_9 = \chi_{67+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_{10} = \chi_{68+}$	.	.	.	1	.	1	.	.	.	1	.
$2664_{11} = \chi_{69+}$	.	.	.	.	.	.	.	.	1	.	.
$2664_{12} = \chi_{70+}$	.	.	.	1	.	.	.	.	.	.	.
$2664_{13} = \chi_{71+}$	.	1	1	.	.	.	.	.	.	1	1
$2664_{14} = \chi_{72+}$	.	1	.	.	.	1	.	.	.	1	.
$2664_{15} = \chi_{73+}$	.	.	.	1	.	1	.	1	.	.	2
$2664_{16} = \chi_{74+}$	.	.	1	.	.	1	.	1	.	1	1
$2664_{17} = \chi_{75+}$	.	1	.	.	.	.	.	.	1	.	.
$2664_{18} = \chi_{76+}$	1	.	.	.	.	.	.	.	.	.	.
$2664_{19} = \chi_{77+}$	1	1	.	.	.	.	1	.	.	1	.
$2664_{20} = \chi_{78+}$	1	.	1	.	.	.	1	.	.	.	.
$2664_{21} = \chi_{79+}$	.	.	1	.	1	.	.	.	.	.	.
$2664_{22} = \chi_{80+}$	.	.	1	1	1	1	.	.	.	.	.
$2664_{23} = \chi_{81+}$	1	.	.	.	.	.	1	.	1	.	.
$2664_{24} = \chi_{82+}$	.	.	.	.	.	1	.	3	.	.	1
$2664_{25} = \chi_{83+}$	.	.	.	.	.	.	1	.	.	.	.
$2880_7 = \chi_{84+}$	.	.	.	.	.	.	.	.	1	.	.
$2880_8 = \chi_{85+}$	.	.	.	.	.	1	.	2	.	1	1
$2880_9 = \chi_{86+}$	1	1	.	.	.	.	1	.	1	.	.
$2880_{10} = \chi_{87+}$	.	.	.	1	.	1	.	.	.	.	.
$2880_{11} = \chi_{88+}$	.	.	1	.	.	1	.	.	.	1	1

(Block 4:)	φ_{53+}	φ_{54+}	φ_{55+}	φ_{56+}	φ_{57+}	φ_{58+}	φ_{59+}	φ_{60+}	φ_{61+}	φ_{62+}	φ_{63+}
$222_2 = \chi_{49+}$	.	.	.	1	.	.	.	.	.	.	.
$222_3 = \chi_{50+}$	.	.	1	.	.	.	.	.	.	.	.
$222_4 = \chi_{51+}$	.	.	.	.	.	1	.	.	.	.	.
$222_5 = \chi_{52+}$	.	1	.	.	.	.	.	.	.	.	.
$960_1 = \chi_{53+}$	.	.	.	.	.	.	.	.	.	.	.
$960_2 = \chi_{54+}$	.	.	.	.	.	.	.	.	.	.	.
$960_3 = \chi_{55+}$	.	.	.	.	.	.	.	.	.	.	.
$2220_2 = \chi_{56+}$	.	.	.	.	.	1	.	.	1	.	.
$2220_3 = \chi_{57+}$	.	.	.	.	1	.	.	.	.	.	.
$2220_4 = \chi_{58+}$	.	.	1	.	.	.	1	.	.	.	.
$2220_5 = \chi_{59+}$	1	.	.	1	.	.	.	1	.	.	.
$2220_6 = \chi_{60+}$	.	.	.	.	1	.	.	.	.	.	.
$2220_7 = \chi_{61+}$	1	.	.	.	.	.	.	.	.	1	1
$2442_2 = \chi_{62+}$	.	.	.	1	.	.	.	2	.	.	.
$2442_3 = \chi_{63+}$	.	1	1	.	.	.	.	.	.	.	.
$2442_4 = \chi_{64+}$	.	1	.	.	.	.	.	.	.	.	.
$2442_5 = \chi_{65+}$	.	.	.	.	.	1	.	.	2	.	.
$2664_8 = \chi_{66+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_9 = \chi_{67+}$	.	.	.	.	.	.	.	.	1	.	.
$2664_{10} = \chi_{68+}$	.	.	.	.	1	1	.	.	1	.	.
$2664_{11} = \chi_{69+}$	.	.	.	.	.	.	1	1	.	.	.
$2664_{12} = \chi_{70+}$	.	.	.	.	.	.	.	1	.	.	.
$2664_{13} = \chi_{71+}$	1	.	.	.	.	.	.	1	.	.	.
$2664_{14} = \chi_{72+}$	1	.	.	.	.	1	.	.	1	.	.
$2664_{15} = \chi_{73+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_{16} = \chi_{74+}$	.	.	.	.	.	.	.	.	1	.	.
$2664_{17} = \chi_{75+}$	.	.	.	.	.	.	.	.	.	1	1
$2664_{18} = \chi_{76+}$	.	.	1	.	.	.	1	.	.	.	.
$2664_{19} = \chi_{77+}$	1	.	.	.	.	.	.	.	.	1	1
$2664_{20} = \chi_{78+}$	1	.	.	1	.	.	.	1	.	.	.
$2664_{21} = \chi_{79+}$	1	.	.	1	1	.	.	1	.	.	.
$2664_{22} = \chi_{80+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_{23} = \chi_{81+}$	1	.	1	.	.	.	1	.	.	.	1
$2664_{24} = \chi_{82+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_{25} = \chi_{83+}$	.	.	.	.	.	.	.	.	1	1	.
$2880_7 = \chi_{84+}$	.	1	1	.	.	.	1	.	.	.	.
$2880_8 = \chi_{85+}$	.	.	.	.	1	.	.	.	.	.	.
$2880_9 = \chi_{86+}$	1	.	.	.	.	.	.	1	.	.	1
$2880_{10} = \chi_{87+}$	.	.	.	.	.	1	.	.	1	.	.
$2880_{11} = \chi_{88+}$	1	.	.	.	1	.	.	.	.	.	.

(Block 4:)	φ_{64+}	φ_{65+}	φ_{66+}	φ_{67+}	φ_{68+}	φ_{69+}	φ_{70+}	φ_{71+}	φ_{72+}	φ_{73+}	φ_{74+}
$222_2 = \chi_{49+}$	.	.	.	.	.	.	.	.	.	.	.
$222_3 = \chi_{50+}$	.	.	.	.	.	.	.	.	.	.	.
$222_4 = \chi_{51+}$	.	.	.	.	.	.	.	.	.	.	.
$222_5 = \chi_{52+}$	.	.	.	.	.	.	.	.	.	.	.
$960_1 = \chi_{53+}$	.	.	.	.	.	.	.	.	1	.	.
$960_2 = \chi_{54+}$	.	.	.	.	.	.	.	.	1	.	.
$960_3 = \chi_{55+}$	.	.	.	.	.	.	.	.	1	.	.
$2220_2 = \chi_{56+}$	.	.	.	.	1	.	.	.	.	.	1
$2220_3 = \chi_{57+}$	1	.	.	.	.	.	.	1	.	1	.
$2220_4 = \chi_{58+}$	.	.	.	.	.	.	.	.	.	.	.
$2220_5 = \chi_{59+}$	.	1	.	.	.	.	.	.	.	.	.
$2220_6 = \chi_{60+}$	.	.	1	.	.	1	.	.	1	.	.
$2220_7 = \chi_{61+}$	.	.	.	.	.	.	.	.	.	.	.
$2442_2 = \chi_{62+}$	.	.	.	1	.	.	.	.	.	.	.
$2442_3 = \chi_{63+}$	.	.	.	.	.	.	.	.	.	.	.
$2442_4 = \chi_{64+}$	.	.	.	.	.	.	.	.	.	.	.
$2442_5 = \chi_{65+}$	.	.	.	.	.	.	1	.	.	.	.
$2664_8 = \chi_{66+}$	.	.	1	.	.	1	.	.	.	.	.
$2664_9 = \chi_{67+}$	1	.	.	.	.	.	.	.	.	1	.
$2664_{10} = \chi_{68+}$	.	.	.	.	.	.	.	.	.	1	1
$2664_{11} = \chi_{69+}$	.	.	.	1	.	.	.	.	.	.	.
$2664_{12} = \chi_{70+}$	1	.	.	.	.	.	.	1	.	.	.
$2664_{13} = \chi_{71+}$	.	1	.	.	1	.	.	.	.	.	.
$2664_{14} = \chi_{72+}$	.	.	.	.	1	.	.	.	.	.	.
$2664_{15} = \chi_{73+}$	.	.	1	.	.	.	.	.	1	.	1
$2664_{16} = \chi_{74+}$	.	.	.	.	1	1	.	.	.	.	1
$2664_{17} = \chi_{75+}$	.	.	.	.	.	.	.	.	.	.	.
$2664_{18} = \chi_{76+}$	.	.	.	.	.	.	.	.	.	.	.
$2664_{19} = \chi_{77+}$	.	1	.	.	.	.	.	.	.	.	.
$2664_{20} = \chi_{78+}$	.	1	.	.	.	.	.	.	.	.	.
$2664_{21} = \chi_{79+}$	.	.	.	.	.	.	.	1	.	.	.
$2664_{22} = \chi_{80+}$	1	.	1	.	.	.	.	1	.	1	.
$2664_{23} = \chi_{81+}$	.	.	.	.	.	.	.	.	.	.	.
$2664_{24} = \chi_{82+}$	.	.	.	.	.	1	.	.	2	.	.
$2664_{25} = \chi_{83+}$	.	.	.	.	.	.	1	.	.	.	.
$2880_7 = \chi_{84+}$	.	.	.	.	.	.	.	.	.	.	.
$2880_8 = \chi_{85+}$	.	.	.	.	.	1	.	.	1	.	1
$2880_9 = \chi_{86+}$	.	1	.	.	.	.	.	.	.	.	.
$2880_{10} = \chi_{87+}$	1	.	.	.	.	.	.	.	.	1	.
$2880_{11} = \chi_{88+}$	.	.	.	.	1	1	.	.	.	.	.

(Block 4:)	φ_{75+}	φ_{76+}	φ_{77+}	φ_{78+}	φ_{79+}	φ_{80+}	φ_{81+}
$222_2 = \chi_{49+}$	.	.	.	.	.	.	.
$222_3 = \chi_{50+}$	.	.	.	.	.	.	.
$222_4 = \chi_{51+}$	.	.	.	.	.	.	.
$222_5 = \chi_{52+}$	.	.	.	.	.	.	.
$960_1 = \chi_{53+}$	.	.	.	.	.	.	.
$960_2 = \chi_{54+}$	.	.	.	.	.	.	.
$960_3 = \chi_{55+}$	.	.	.	.	.	.	.
$2220_2 = \chi_{56+}$	.	.	.	.	.	.	.
$2220_3 = \chi_{57+}$	.	.	.	.	.	.	.
$2220_4 = \chi_{58+}$	.	.	.	.	1	.	.
$2220_5 = \chi_{59+}$	.	1	.	.	.	.	.
$2220_6 = \chi_{60+}$	.	.	.	.	.	.	.
$2220_7 = \chi_{61+}$	.	.	.	1	.	.	.
$2442_2 = \chi_{62+}$	.	.	1	.	.	.	.
$2442_3 = \chi_{63+}$	.	.	.	.	.	1	.
$2442_4 = \chi_{64+}$	.	.	.	.	.	.	1
$2442_5 = \chi_{65+}$	1	.	.	.	.	.	.
$2664_8 = \chi_{66+}$	.	1	.	.	.	.	.
$2664_9 = \chi_{67+}$	1	.	.	.	.	.	.
$2664_{10} = \chi_{68+}$	.	.	.	.	.	.	.
$2664_{11} = \chi_{69+}$	.	.	.	.	1	.	.
$2664_{12} = \chi_{70+}$	.	.	1	.	.	.	.
$2664_{13} = \chi_{71+}$	.	1	.	.	.	.	.
$2664_{14} = \chi_{72+}$	.	.	.	1	.	.	.
$2664_{15} = \chi_{73+}$	.	.	.	.	.	.	.
$2664_{16} = \chi_{74+}$	.	.	.	.	.	.	.
$2664_{17} = \chi_{75+}$	.	.	.	.	.	1	.
$2664_{18} = \chi_{76+}$	.	.	.	.	.	.	1
$2664_{19} = \chi_{77+}$	.	.	.	1	.	.	.
$2664_{20} = \chi_{78+}$	.	.	.	.	1	.	.
$2664_{21} = \chi_{79+}$	.	1	.	.	.	.	.
$2664_{22} = \chi_{80+}$	.	.	.	.	.	.	.
$2664_{23} = \chi_{81+}$	.	.	.	.	1	.	.
$2664_{24} = \chi_{82+}$	.	.	.	.	.	.	.
$2664_{25} = \chi_{83+}$	.	.	.	1	.	.	.
$2880_7 = \chi_{84+}$	.	.	.	.	.	.	1
$2880_8 = \chi_{85+}$	.	.	.	.	.	.	.
$2880_9 = \chi_{86+}$	.	.	.	.	1	.	.
$2880_{10} = \chi_{87+}$	1	.	.	.	.	.	.
$2880_{11} = \chi_{88+}$	.	1	.	.	.	.	.

(Block 4:)	φ_{42+}	φ_{43+}	φ_{44+}	φ_{45+}	φ_{46+}	φ_{47+}	φ_{48+}	φ_{49+}	φ_{50+}	φ_{51+}	φ_{52+}
$2880_{12} = \chi_{89+}$	.	.	.	1	1	1	.	1	.	.	.
$2880_{13} = \chi_{90+}$	1	.	.	.	.	.	.	.	.	.	.
$2880_{14} = \chi_{91+}$	.	1	1	.	.	.	1	.	.	1	.
$2880_{15} = \chi_{92+}$	.	1	.	.	.	.	.	.	.	1	.
$2880_{16} = \chi_{93+}$	.	.	1	.	1	.	.	.	.	.	.
$2880_{17} = \chi_{94+}$	1	.	.	.	.	.	1	.	1	.	.
$2880_{18} = \chi_{95+}$	.	.	1	1	1	.	.	.	.	.	1

(Block 4:)	φ_{53+}	φ_{54+}	φ_{55+}	φ_{56+}	φ_{57+}	φ_{58+}	φ_{59+}	φ_{60+}	φ_{61+}	φ_{62+}	φ_{63+}
$2880_{12} = \chi_{89+}$	.	.	.	.	1	.	.	.	1	.	.
$2880_{13} = \chi_{90+}$	1	.	.	1	.	.	1	1	.	.	.
$2880_{14} = \chi_{91+}$	1	.	.	.	.	.	.	.	1	.	.
$2880_{15} = \chi_{92+}$	.	.	.	.	.	1	.	.	1	1	.
$2880_{16} = \chi_{93+}$	.	.	.	1	.	.	.	1	.	.	.
$2880_{17} = \chi_{94+}$	.	.	1	.	.	.	.	.	.	1	1
$2880_{18} = \chi_{95+}$	.	.	.	.	1	.	.	1	.	.	.

(Block 4:)	φ_{64+}	φ_{65+}	φ_{66+}	φ_{67+}	φ_{68+}	φ_{69+}	φ_{70+}	φ_{71+}	φ_{72+}	φ_{73+}	φ_{74+}
$2880_{12} = \chi_{89+}$	.	.	1	.	.	.	.	.	.	1	1
$2880_{13} = \chi_{90+}$	.	.	.	1	.	.	.	.	.	.	.
$2880_{14} = \chi_{91+}$	.	1	.	.	1	.	.	.	.	.	.
$2880_{15} = \chi_{92+}$	.	.	.	.	.	.	1	.	.	.	.
$2880_{16} = \chi_{93+}$	1	.	.	.	.	.	.	1	.	.	.
$2880_{17} = \chi_{94+}$	.	.	.	.	.	.	.	.	.	.	.
$2880_{18} = \chi_{95+}$	.	.	1	.	.	.	.	1	.	.	.

(Block 4:)	φ_{75+}	φ_{76+}	φ_{77+}	φ_{78+}	φ_{79+}	φ_{80+}	φ_{81+}
$2880_{12} = \chi_{89+}$	.	.	.	.	.	.	.
$2880_{13} = \chi_{90+}$	.	.	.	.	1	.	.
$2880_{14} = \chi_{91+}$	.	.	.	1	.	.	.
$2880_{15} = \chi_{92+}$	.	.	.	1	.	.	.
$2880_{16} = \chi_{93+}$	.	.	1	.	.	.	.
$2880_{17} = \chi_{94+}$	.	.	.	.	.	1	.
$2880_{18} = \chi_{95+}$	.	1	.	.	.	.	.

φ_{42+}	$=$	6_1
φ_{43+}	$=$	12_1
φ_{44+}	$=$	30_1
φ_{45+}	$=$	30_2
φ_{46+}	$=$	42_1
φ_{47+}	$=$	48_1
φ_{48+}	$=$	72_1
φ_{49+}	$=$	84_1
φ_{50+}	$=$	90_1
φ_{51+}	$=$	96_1
φ_{52+}	$=$	120_1
φ_{53+}	$=$	126_1
φ_{54+}	$=$	132_1
φ_{55+}	$=$	150_1
φ_{56+}	$=$	174_1
φ_{57+}	$=$	180_1
φ_{58+}	$=$	180_2
φ_{59+}	$=$	198_1
φ_{60+}	$=$	210_1
φ_{61+}	$=$	240_1
φ_{62+}	$=$	264_1
φ_{63+}	$=$	318_1
φ_{64+}	$=$	330_1
φ_{65+}	$=$	342_1
φ_{66+}	$=$	366_1
φ_{67+}	$=$	462_1
φ_{68+}	$=$	534_1
φ_{69+}	$=$	552_1
φ_{70+}	$=$	660_1
φ_{71+}	$=$	708_1
φ_{72+}	$=$	756_1
φ_{73+}	$=$	930_1
φ_{74+}	$=$	960_1
φ_{75+}	$=$	1122_1
φ_{76+}	$=$	1194_1
φ_{77+}	$=$	1386_1
φ_{78+}	$=$	1428_1
φ_{79+}	$=$	1704_1
φ_{80+}	$=$	1980_1
φ_{81+}	$=$	2310_1