

## $U_3(11).3 \pmod{37}$

	blocks	defect	matrix
$G :$	1	1	$15 \times 3$
	2	1	$15 \times 3$
	$3 = \overline{2}$	1	$15 \times 3$
	4	0	$111_1 = \chi_{3,0}, \varphi_{3,0}$
	5	0	$111_2 = \chi_{3,1}, \varphi_{3,1}$
	$6 = \overline{5}$	0	$111_3 = \chi_{3,2}, \varphi_{3,2}$
	7	0	$111_4 = \chi_{4,0}, \varphi_{4,0}$
	8	0	$111_5 = \chi_{4,1}, \varphi_{4,1}$
	9	0	$111_6 = \chi_{4,2}, \varphi_{4,2}$
	$10 = \overline{7}$	0	$111_7 = \chi_{5,0}, \varphi_{5,0}$
	$11 = \overline{9}$	0	$111_8 = \chi_{5,1}, \varphi_{5,1}$
	$12 = \overline{8}$	0	$111_9 = \chi_{5,2}, \varphi_{5,2}$
	13	0	$1110_1 = \chi_{6+}, \varphi_{6+}$
	14	0	$1110_2 = \chi_{9,0}, \varphi_{9,0}$
	15	0	$1110_3 = \chi_{9,1}, \varphi_{9,1}$
	$16 = \overline{15}$	0	$1110_4 = \chi_{9,2}, \varphi_{9,2}$
	17	0	$1110_5 = \chi_{10,0}, \varphi_{10,0}$
	18	0	$1110_6 = \chi_{10,1}, \varphi_{10,1}$
	$19 = \overline{18}$	0	$1110_7 = \chi_{10,2}, \varphi_{10,2}$
	20	0	$1110_8 = \chi_{11,0}, \varphi_{11,0}$
	21	0	$1110_9 = \chi_{11,1}, \varphi_{11,1}$
	$22 = \overline{21}$	0	$1110_{10} = \chi_{11,2}, \varphi_{11,2}$
	23	0	$1110_{11} = \chi_{12,0}, \varphi_{12,0}$
	24	0	$1110_{12} = \chi_{12,1}, \varphi_{12,1}$
	$25 = \overline{24}$	0	$1110_{13} = \chi_{12,2}, \varphi_{12,2}$
	26	0	$1110_{14} = \chi_{13,0}, \varphi_{13,0}$
	27	0	$1110_{15} = \chi_{13,1}, \varphi_{13,1}$
	28	0	$1110_{16} = \chi_{13,2}, \varphi_{13,2}$
	$29 = \overline{26}$	0	$1110_{17} = \chi_{14,0}, \varphi_{14,0}$
	$30 = \overline{28}$	0	$1110_{18} = \chi_{14,1}, \varphi_{14,1}$
	$31 = \overline{27}$	0	$1110_{19} = \chi_{14,2}, \varphi_{14,2}$
	32	0	$1221_1 = \chi_{15,0}, \varphi_{15,0}$
	33	0	$1221_2 = \chi_{15,1}, \varphi_{15,1}$
	$34 = \overline{33}$	0	$1221_3 = \chi_{15,2}, \varphi_{15,2}$
	35	0	$1221_4 = \chi_{16,0}, \varphi_{16,0}$
	36	0	$1221_5 = \chi_{16,1}, \varphi_{16,1}$
	37	0	$1221_6 = \chi_{16,2}, \varphi_{16,2}$
	$38 = \overline{35}$	0	$1221_7 = \chi_{17,0}, \varphi_{17,0}$
	$39 = \overline{37}$	0	$1221_8 = \chi_{17,1}, \varphi_{17,1}$
	$40 = \overline{36}$	0	$1221_9 = \chi_{17,2}, \varphi_{17,2}$

	blocks	defect	matrix
	41	0	$1332_1 = \chi_{19,0}, \varphi_{19,0}$
	42	0	$1332_2 = \chi_{19,1}, \varphi_{19,1}$
	43	0	$1332_3 = \chi_{19,2}, \varphi_{19,2}$
	$44 = \overline{41}$	0	$1332_4 = \chi_{20,0}, \varphi_{20,0}$
	$45 = \overline{43}$	0	$1332_5 = \chi_{20,1}, \varphi_{20,1}$
	$46 = \overline{42}$	0	$1332_6 = \chi_{20,2}, \varphi_{20,2}$
	47	0	$1332_7 = \chi_{21,0}, \varphi_{21,0}$
	48	0	$1332_8 = \chi_{21,1}, \varphi_{21,1}$
	$49 = \overline{48}$	0	$1332_9 = \chi_{21,2}, \varphi_{21,2}$
	50	0	$1332_{10} = \chi_{22,0}, \varphi_{22,0}$
	51	0	$1332_{11} = \chi_{22,1}, \varphi_{22,1}$
	$52 = \overline{51}$	0	$1332_{12} = \chi_{22,2}, \varphi_{22,2}$
	53	0	$1332_{13} = \chi_{23,0}, \varphi_{23,0}$
	54	0	$1332_{14} = \chi_{23,1}, \varphi_{23,1}$
	$55 = \overline{54}$	0	$1332_{15} = \chi_{23,2}, \varphi_{23,2}$
	56	0	$1332_{16} = \chi_{24,0}, \varphi_{24,0}$
	57	0	$1332_{17} = \chi_{24,1}, \varphi_{24,1}$
	$58 = \overline{57}$	0	$1332_{18} = \chi_{24,2}, \varphi_{24,2}$
	59	0	$1332_{19} = \chi_{25,0}, \varphi_{25,0}$
	60	0	$1332_{20} = \chi_{25,1}, \varphi_{25,1}$
	61	0	$1332_{21} = \chi_{25,2}, \varphi_{25,2}$
	$62 = \overline{59}$	0	$1332_{22} = \chi_{26,0}, \varphi_{26,0}$
	$63 = \overline{61}$	0	$1332_{23} = \chi_{26,1}, \varphi_{26,1}$
	$64 = \overline{60}$	0	$1332_{24} = \chi_{26,2}, \varphi_{26,2}$
	65	0	$1332_{25} = \chi_{27,0}, \varphi_{27,0}$
	66	0	$1332_{26} = \chi_{27,1}, \varphi_{27,1}$
	67	0	$1332_{27} = \chi_{27,2}, \varphi_{27,2}$
	$68 = \overline{65}$	0	$1332_{28} = \chi_{28,0}, \varphi_{28,0}$
	$69 = \overline{67}$	0	$1332_{29} = \chi_{28,1}, \varphi_{28,1}$
	$70 = \overline{66}$	0	$1332_{30} = \chi_{28,2}, \varphi_{28,2}$
	71	0	$1332_{31} = \chi_{29,0}, \varphi_{29,0}$
	72	0	$1332_{32} = \chi_{29,1}, \varphi_{29,1}$
	73	0	$1332_{33} = \chi_{29,2}, \varphi_{29,2}$
	$74 = \overline{71}$	0	$1332_{34} = \chi_{30,0}, \varphi_{30,0}$
	$75 = \overline{73}$	0	$1332_{35} = \chi_{30,1}, \varphi_{30,1}$
	$76 = \overline{72}$	0	$1332_{36} = \chi_{30,2}, \varphi_{30,2}$
	77	0	$1332_{37} = \chi_{31,0}, \varphi_{31,0}$
	78	0	$1332_{38} = \chi_{31,1}, \varphi_{31,1}$
	79	0	$1332_{39} = \chi_{31,2}, \varphi_{31,2}$
	$80 = \overline{77}$	0	$1332_{40} = \chi_{32,0}, \varphi_{32,0}$

	blocks	defect	matrix
	81 = $\overline{79}$	0	1332 <sub>41</sub> = $\chi_{32,1}, \varphi_{32,1}$
	82 = $\overline{78}$	0	1332 <sub>42</sub> = $\chi_{32,2}, \varphi_{32,2}$
	83	0	1332 <sub>43</sub> = $\chi_{33,0}, \varphi_{33,0}$
	84	0	1332 <sub>44</sub> = $\chi_{33,1}, \varphi_{33,1}$
	85	0	1332 <sub>45</sub> = $\chi_{33,2}, \varphi_{33,2}$
	86 = $\overline{83}$	0	1332 <sub>46</sub> = $\chi_{34,0}, \varphi_{34,0}$
	87 = $\overline{85}$	0	1332 <sub>47</sub> = $\chi_{34,1}, \varphi_{34,1}$
	88 = $\overline{84}$	0	1332 <sub>48</sub> = $\chi_{34,2}, \varphi_{34,2}$
	89	0	1332 <sub>49</sub> = $\chi_{35,0}, \varphi_{35,0}$
	90	0	1332 <sub>50</sub> = $\chi_{35,1}, \varphi_{35,1}$
	91	0	1332 <sub>51</sub> = $\chi_{35,2}, \varphi_{35,2}$
	92 = $\overline{89}$	0	1332 <sub>52</sub> = $\chi_{36,0}, \varphi_{36,0}$
	93 = $\overline{91}$	0	1332 <sub>53</sub> = $\chi_{36,1}, \varphi_{36,1}$
	94 = $\overline{90}$	0	1332 <sub>54</sub> = $\chi_{36,2}, \varphi_{36,2}$
3.G :	95	0	111 <sub>10</sub> = $\chi_{49,0}, \varphi_{37,0}$
	96	0	111 <sub>11</sub> = $\chi_{49,1}, \varphi_{37,1}$
	97	0	111 <sub>12</sub> = $\chi_{49,2}, \varphi_{37,2}$
	98 = 95*		
	99 = 97*		
	100 = 96*		
	101	0	111 <sub>16</sub> = $\chi_{50,0}, \varphi_{38,0}$
	102	0	111 <sub>17</sub> = $\chi_{50,1}, \varphi_{38,1}$
	103	0	111 <sub>18</sub> = $\chi_{50,2}, \varphi_{38,2}$
	104 = 101*		
	105 = 103*		
	106 = 102*		
	107	0	111 <sub>22</sub> = $\chi_{51,0}, \varphi_{39,0}$
	108	0	111 <sub>23</sub> = $\chi_{51,1}, \varphi_{39,1}$
	109	0	111 <sub>24</sub> = $\chi_{51,2}, \varphi_{39,2}$
	110 = 107*		
	111 = 109*		
	112 = 108*		
	113 = $\overline{110}$	0	111 <sub>28</sub> = $\chi_{52,0}, \varphi_{40,0}$
	114 = $\overline{112}$	0	111 <sub>29</sub> = $\chi_{52,1}, \varphi_{40,1}$
	115 = $\overline{111}$	0	111 <sub>30</sub> = $\chi_{52,2}, \varphi_{40,2}$
	116 = 113*		
	117 = 115*		
	118 = 114*		
	119	1	37 × 1
	120 = 119*		

	blocks	defect	matrix
	121	0	$1110_{20} = \chi_{56,0}, \varphi_{44,0}$
	122	0	$1110_{21} = \chi_{56,1}, \varphi_{44,1}$
	123	0	$1110_{22} = \chi_{56,2}, \varphi_{44,2}$
	124 = 121*		
	125 = 123*		
	126 = 122*		
	127	0	$1110_{26} = \chi_{57,0}, \varphi_{45,0}$
	128	0	$1110_{27} = \chi_{57,1}, \varphi_{45,1}$
	129	0	$1110_{28} = \chi_{57,2}, \varphi_{45,2}$
	130 = 127*		
	131 = 129*		
	132 = 128*		
	133	0	$1110_{32} = \chi_{58,0}, \varphi_{46,0}$
	134	0	$1110_{33} = \chi_{58,1}, \varphi_{46,1}$
	135	0	$1110_{34} = \chi_{58,2}, \varphi_{46,2}$
	136 = 133*		
	137 = 135*		
	138 = 134*		
	139 = $\overline{136}$	0	$1110_{38} = \chi_{59,0}, \varphi_{47,0}$
	140 = $\overline{138}$	0	$1110_{39} = \chi_{59,1}, \varphi_{47,1}$
	141 = $\overline{137}$	0	$1110_{40} = \chi_{59,2}, \varphi_{47,2}$
	142 = 139*		
	143 = 141*		
	144 = 140*		
	145	0	$1110_{44} = \chi_{60,0}, \varphi_{48,0}$
	146	0	$1110_{45} = \chi_{60,1}, \varphi_{48,1}$
	147	0	$1110_{46} = \chi_{60,2}, \varphi_{48,2}$
	148 = 145*		
	149 = 147*		
	150 = 146*		
	151 = $\overline{148}$	0	$1110_{50} = \chi_{61,0}, \varphi_{49,0}$
	152 = $\overline{150}$	0	$1110_{51} = \chi_{61,1}, \varphi_{49,1}$
	153 = $\overline{149}$	0	$1110_{52} = \chi_{61,2}, \varphi_{49,2}$
	154 = 151*		
	155 = 153*		
	156 = 152*		
	157	0	$1221_{10} = \chi_{62,0}, \varphi_{50,0}$
	158	0	$1221_{11} = \chi_{62,1}, \varphi_{50,1}$
	159	0	$1221_{12} = \chi_{62,2}, \varphi_{50,2}$
	160 = 157*		

	blocks	defect	matrix
	161 = 159*		
	162 = 158*		
	163	0	$1221_{16} = \chi_{63,0}, \varphi_{51,0}$
	164	0	$1221_{17} = \chi_{63,1}, \varphi_{51,1}$
	165	0	$1221_{18} = \chi_{63,2}, \varphi_{51,2}$
	166 = 163*		
	167 = 165*		
	168 = 164*		
	169	0	$1221_{22} = \chi_{64,0}, \varphi_{52,0}$
	170	0	$1221_{23} = \chi_{64,1}, \varphi_{52,1}$
	171	0	$1221_{24} = \chi_{64,2}, \varphi_{52,2}$
	172 = 169*		
	173 = 171*		
	174 = 170*		
	175 = $\overline{172}$	0	$1221_{28} = \chi_{65,0}, \varphi_{53,0}$
	176 = $\overline{174}$	0	$1221_{29} = \chi_{65,1}, \varphi_{53,1}$
	177 = $\overline{173}$	0	$1221_{30} = \chi_{65,2}, \varphi_{53,2}$
	178 = 175*		
	179 = 177*		
	180 = 176*		
	181	0	$1332_{55} = \chi_{66,0}, \varphi_{54,0}$
	182	0	$1332_{56} = \chi_{66,1}, \varphi_{54,1}$
	183	0	$1332_{57} = \chi_{66,2}, \varphi_{54,2}$
	184 = 181*		
	185 = 183*		
	186 = 182*		
	187 = $\overline{184}$	0	$1332_{61} = \chi_{67,0}, \varphi_{55,0}$
	188 = $\overline{186}$	0	$1332_{62} = \chi_{67,1}, \varphi_{55,1}$
	189 = $\overline{185}$	0	$1332_{63} = \chi_{67,2}, \varphi_{55,2}$
	190 = 187*		
	191 = 189*		
	192 = 188*		
	193	0	$1332_{67} = \chi_{68,0}, \varphi_{56,0}$
	194	0	$1332_{68} = \chi_{68,1}, \varphi_{56,1}$
	195	0	$1332_{69} = \chi_{68,2}, \varphi_{56,2}$
	196 = 193*		
	197 = 195*		
	198 = 194*		
	199	0	$1332_{73} = \chi_{69,0}, \varphi_{57,0}$
	200	0	$1332_{74} = \chi_{69,1}, \varphi_{57,1}$

	blocks	defect	matrix
	201	0	$1332_{75} = \chi_{69,2}, \varphi_{57,2}$
	202 = 199*		
	203 = 201*		
	204 = 200*		
	205	0	$1332_{79} = \chi_{70,0}, \varphi_{58,0}$
	206	0	$1332_{80} = \chi_{70,1}, \varphi_{58,1}$
	207	0	$1332_{81} = \chi_{70,2}, \varphi_{58,2}$
	208 = 205*		
	209 = 207*		
	210 = 206*		
	211	0	$1332_{85} = \chi_{71,0}, \varphi_{59,0}$
	212	0	$1332_{86} = \chi_{71,1}, \varphi_{59,1}$
	213	0	$1332_{87} = \chi_{71,2}, \varphi_{59,2}$
	214 = 211*		
	215 = 213*		
	216 = 212*		
	217	0	$1332_{91} = \chi_{72,0}, \varphi_{60,0}$
	218	0	$1332_{92} = \chi_{72,1}, \varphi_{60,1}$
	219	0	$1332_{93} = \chi_{72,2}, \varphi_{60,2}$
	220 = 217*		
	221 = 219*		
	222 = 218*		
	223 = $\overline{220}$	0	$1332_{97} = \chi_{73,0}, \varphi_{61,0}$
	224 = $\overline{222}$	0	$1332_{98} = \chi_{73,1}, \varphi_{61,1}$
	225 = $\overline{221}$	0	$1332_{99} = \chi_{73,2}, \varphi_{61,2}$
	226 = 223*		
	227 = 225*		
	228 = 224*		
	229	0	$1332_{103} = \chi_{74,0}, \varphi_{62,0}$
	230	0	$1332_{104} = \chi_{74,1}, \varphi_{62,1}$
	231	0	$1332_{105} = \chi_{74,2}, \varphi_{62,2}$
	232 = 229*		
	233 = 231*		
	234 = 230*		
	235 = $\overline{232}$	0	$1332_{109} = \chi_{75,0}, \varphi_{63,0}$
	236 = $\overline{234}$	0	$1332_{110} = \chi_{75,1}, \varphi_{63,1}$
	237 = $\overline{233}$	0	$1332_{111} = \chi_{75,2}, \varphi_{63,2}$
	238 = 235*		
	239 = 237*		
	240 = 236*		

	blocks	defect	matrix
	241	0	$1332_{115} = \chi_{76,0}, \varphi_{64,0}$
	242	0	$1332_{116} = \chi_{76,1}, \varphi_{64,1}$
	243	0	$1332_{117} = \chi_{76,2}, \varphi_{64,2}$
	244 = 241*		
	245 = 243*		
	246 = 242*		
	247 = $\overline{244}$	0	$1332_{121} = \chi_{77,0}, \varphi_{65,0}$
	248 = $\overline{246}$	0	$1332_{122} = \chi_{77,1}, \varphi_{65,1}$
	249 = $\overline{245}$	0	$1332_{123} = \chi_{77,2}, \varphi_{65,2}$
	250 = 247*		
	251 = 249*		
	252 = 248*		
	253	0	$1332_{127} = \chi_{78,0}, \varphi_{66,0}$
	254	0	$1332_{128} = \chi_{78,1}, \varphi_{66,1}$
	255	0	$1332_{129} = \chi_{78,2}, \varphi_{66,2}$
	256 = 253*		
	257 = 255*		
	258 = 254*		
	259 = $\overline{256}$	0	$1332_{133} = \chi_{79,0}, \varphi_{67,0}$
	260 = $\overline{258}$	0	$1332_{134} = \chi_{79,1}, \varphi_{67,1}$
	261 = $\overline{257}$	0	$1332_{135} = \chi_{79,2}, \varphi_{67,2}$
	262 = 259*		
	263 = 261*		
	264 = 260*		
	265	0	$1332_{139} = \chi_{80,0}, \varphi_{68,0}$
	266	0	$1332_{140} = \chi_{80,1}, \varphi_{68,1}$
	267	0	$1332_{141} = \chi_{80,2}, \varphi_{68,2}$
	268 = 265*		
	269 = 267*		
	270 = 266*		
	271 = $\overline{268}$	0	$1332_{145} = \chi_{81,0}, \varphi_{69,0}$
	272 = $\overline{270}$	0	$1332_{146} = \chi_{81,1}, \varphi_{69,1}$
	273 = $\overline{269}$	0	$1332_{147} = \chi_{81,2}, \varphi_{69,2}$
	274 = 271*		
	275 = 273*		
	276 = 272*		
	277	0	$1332_{151} = \chi_{82,0}, \varphi_{70,0}$
	278	0	$1332_{152} = \chi_{82,1}, \varphi_{70,1}$
	279	0	$1332_{153} = \chi_{82,2}, \varphi_{70,2}$
	280 = 277*		

	blocks	defect	matrix
	281 = 279*		
	282 = 278*		
	283 = $\overline{280}$	0	1332 <sub>157</sub> = $\chi_{83,0}, \varphi_{71,0}$
	284 = $\overline{282}$	0	1332 <sub>158</sub> = $\chi_{83,1}, \varphi_{71,1}$
	285 = $\overline{281}$	0	1332 <sub>159</sub> = $\chi_{83,2}, \varphi_{71,2}$
	286 = 283*		
	287 = 285*		
	288 = 284*		

<b>Block 1:</b>	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{18,0}$	
$1_1 = \chi_{1,0}$	1	.	.	
$110_1 = \chi_{2,0}$	.	1	.	
$1331_1 = \chi_{18,0}$	1	.	1	
$1440_1 = \chi_{37,0}$	.	1	1	
$1440_4 = \chi_{38,0}$	.	1	1	
$1440_7 = \chi_{39,0}$	.	1	1	$\varphi_{1,0} = 1_1$
$1440_{10} = \chi_{40,0}$	.	1	1	$\varphi_{2,0} = 110_1$
$1440_{13} = \chi_{41,0}$	.	1	1	$\varphi_{18,0} = 1330_1$
$1440_{16} = \chi_{42,0}$	.	1	1	
$1440_{19} = \chi_{43,0}$	.	1	1	
$1440_{22} = \chi_{44,0}$	.	1	1	
$1440_{25} = \chi_{45,0}$	.	1	1	
$1440_{28} = \chi_{46,0}$	.	1	1	
$1440_{31} = \chi_{47,0}$	.	1	1	
$1440_{34} = \chi_{48,0}$	.	1	1	



<b>Block 2:</b>	$\varphi_{1,1}$	$\varphi_{2,1}$	$\varphi_{18,1}$
$1_2 = \chi_{1,1}$	1	.	.
$110_2 = \chi_{2,1}$	.	1	.
$1331_2 = \chi_{18,1}$	1	.	1
$1440_2 = \chi_{37,1}$	.	1	1
$1440_5 = \chi_{38,1}$	.	1	1
$1440_8 = \chi_{39,1}$	.	1	1
$1440_{11} = \chi_{40,1}$	.	1	1
$1440_{14} = \chi_{41,1}$	.	1	1
$1440_{17} = \chi_{42,1}$	.	1	1
$1440_{20} = \chi_{43,1}$	.	1	1
$1440_{23} = \chi_{44,1}$	.	1	1
$1440_{26} = \chi_{45,1}$	.	1	1
$1440_{29} = \chi_{46,1}$	.	1	1
$1440_{32} = \chi_{47,1}$	.	1	1
$1440_{35} = \chi_{48,1}$	.	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{2,1} &= 110_2 \\ \varphi_{18,1} &= 1330_2 \end{aligned}$$

<b>Block 3:</b>	$\varphi_{1,2}$	$\varphi_{2,2}$	$\varphi_{18,2}$
$1_3 = \chi_{1,2}$	1	.	.
$110_3 = \chi_{2,2}$	.	1	.
$1331_3 = \chi_{18,2}$	1	.	1
$1440_3 = \chi_{37,2}$	.	1	1
$1440_6 = \chi_{38,2}$	.	1	1
$1440_9 = \chi_{39,2}$	.	1	1
$1440_{12} = \chi_{40,2}$	.	1	1
$1440_{15} = \chi_{41,2}$	.	1	1
$1440_{18} = \chi_{42,2}$	.	1	1
$1440_{21} = \chi_{43,2}$	.	1	1
$1440_{24} = \chi_{44,2}$	.	1	1
$1440_{27} = \chi_{45,2}$	.	1	1
$1440_{30} = \chi_{46,2}$	.	1	1
$1440_{33} = \chi_{47,2}$	.	1	1
$1440_{36} = \chi_{48,2}$	.	1	1

$$\begin{aligned} \varphi_{1,2} &= 1_3 \\ \varphi_{2,2} &= 110_3 \\ \varphi_{18,2} &= 1330_3 \end{aligned}$$

<b>Blocks 119, 120:</b>	$\varphi_{41+}$
$1440_{37} = \chi_{53+}$	1
$1440_{39} = \chi_{84,0}$	1
$1440_{40} = \chi_{84,1}$	1
$1440_{41} = \chi_{84,2}$	1
$1440_{45} = \chi_{85,0}$	1
$1440_{46} = \chi_{85,1}$	1
$1440_{47} = \chi_{85,2}$	1
$1440_{51} = \chi_{86,0}$	1
$1440_{52} = \chi_{86,1}$	1
$1440_{53} = \chi_{86,2}$	1
$1440_{57} = \chi_{87,0}$	1
$1440_{58} = \chi_{87,1}$	1
$1440_{59} = \chi_{87,2}$	1
$1440_{63} = \chi_{88,0}$	1
$1440_{64} = \chi_{88,1}$	1
$1440_{65} = \chi_{88,2}$	1
$1440_{69} = \chi_{89,0}$	1
$1440_{70} = \chi_{89,1}$	1
$1440_{71} = \chi_{89,2}$	1
$1440_{75} = \chi_{90,0}$	1
$1440_{76} = \chi_{90,1}$	1
$1440_{77} = \chi_{90,2}$	1
$1440_{81} = \chi_{91,0}$	1
$1440_{82} = \chi_{91,1}$	1
$1440_{83} = \chi_{91,2}$	1
$1440_{87} = \chi_{92,0}$	1
$1440_{88} = \chi_{92,1}$	1
$1440_{89} = \chi_{92,2}$	1
$1440_{93} = \chi_{93,0}$	1
$1440_{94} = \chi_{93,1}$	1
$1440_{95} = \chi_{93,2}$	1
$1440_{99} = \chi_{94,0}$	1
$1440_{100} = \chi_{94,1}$	1
$1440_{101} = \chi_{94,2}$	1
$1440_{105} = \chi_{95,0}$	1
$1440_{106} = \chi_{95,1}$	1
$1440_{107} = \chi_{95,2}$	1

$$\varphi_{41+} = 1440_1$$