

$${}^2E_6(2).2 \pmod{11}$$

	blocks	defect	matrix
$G :$	1	1	11×10
	2	1	11×10
	3	0	$48620_1 = \chi_{3,0}, \varphi_{3,0}$
	4	0	$48620_2 = \chi_{3,1}, \varphi_{3,1}$
	5	0	$554268_1 = \chi_{4,0}, \varphi_{4,0}$
	6	0	$554268_2 = \chi_{4,1}, \varphi_{4,1}$
	7	0	$815100_1 = \chi_{5,0}, \varphi_{5,0}$
	8	0	$815100_2 = \chi_{5,1}, \varphi_{5,1}$
	9	1	11×10
	10	0	$1828332_1 = \chi_{7,0}, \varphi_{7,0}$
	11	0	$1828332_2 = \chi_{7,1}, \varphi_{7,1}$
	12	0	$2089164_1 = \chi_{8,0}, \varphi_{8,0}$
	13	0	$2089164_2 = \chi_{8,1}, \varphi_{8,1}$
	14	0	$2909907_1 = \chi_{9,0}, \varphi_{9,0}$
	15	0	$2909907_2 = \chi_{9,1}, \varphi_{9,1}$
	16	0	$5819814_1 = \chi_{10+}, \varphi_{10+}$
	17	0	$2956096_1 = \chi_{12,0}, \varphi_{12,0}$
	18	0	$2956096_2 = \chi_{12,1}, \varphi_{12,1}$
	19	0	$22170720_1 = \chi_{15,0}, \varphi_{15,0}$
	20	0	$22170720_2 = \chi_{15,1}, \varphi_{15,1}$
	21	0	$29099070_1 = \chi_{16,0}, \varphi_{16,0}$
	22	0	$29099070_2 = \chi_{16,1}, \varphi_{16,1}$
	23	0	$56581525_1 = \chi_{17,0}, \varphi_{17,0}$
	24	0	$56581525_2 = \chi_{17,1}, \varphi_{17,1}$
	25	0	$113163050_1 = \chi_{18+}, \varphi_{18+}$
	26	0	$81477396_1 = \chi_{21,0}, \varphi_{21,0}$
	27	0	$81477396_2 = \chi_{21,1}, \varphi_{21,1}$
	28	0	$162954792_1 = \chi_{22+}, \varphi_{22+}$
	29	0	$137225088_1 = \chi_{24,0}, \varphi_{24,0}$
	30	0	$137225088_2 = \chi_{24,1}, \varphi_{24,1}$
	31	0	$145411200_1 = \chi_{25,0}, \varphi_{25,0}$
	32	0	$145411200_2 = \chi_{25,1}, \varphi_{25,1}$
	$33 = \overline{31}$	0	$145411200_3 = \chi_{26,0}, \varphi_{26,0}$
	$34 = \overline{32}$	0	$145411200_4 = \chi_{26,1}, \varphi_{26,1}$
	35	0	$145495350_1 = \chi_{27,0}, \varphi_{27,0}$
	36	0	$145495350_2 = \chi_{27,1}, \varphi_{27,1}$
	37	0	$290990700_1 = \chi_{28+}, \varphi_{28+}$
	38	0	$221707200_1 = \chi_{30,0}, \varphi_{30,0}$
	39	0	$221707200_2 = \chi_{30,1}, \varphi_{30,1}$
	40	0	$278555200_1 = \chi_{31,0}, \varphi_{31,0}$

	blocks	defect	matrix
	41	0	$278555200_2 = \chi_{31,1}, \varphi_{31,1}$
	42	0	$289697408_1 = \chi_{32,0}, \varphi_{32,0}$
	43	0	$289697408_2 = \chi_{32,1}, \varphi_{32,1}$
	44	0	$339489150_1 = \chi_{34,0}, \varphi_{34,0}$
	45	0	$339489150_2 = \chi_{34,1}, \varphi_{34,1}$
	46	0	$452652200_1 = \chi_{35,0}, \varphi_{35,0}$
	47	0	$452652200_2 = \chi_{35,1}, \varphi_{35,1}$
	48	0	$905304400_1 = \chi_{36+}, \varphi_{36+}$
	49	0	$497306304_1 = \chi_{38,0}, \varphi_{38,0}$
	50	0	$497306304_2 = \chi_{38,1}, \varphi_{38,1}$
	51	0	$505076715_1 = \chi_{39,0}, \varphi_{39,0}$
	52	0	$505076715_2 = \chi_{39,1}, \varphi_{39,1}$
	53	0	$581981400_1 = \chi_{40,0}, \varphi_{40,0}$
	54	0	$581981400_2 = \chi_{40,1}, \varphi_{40,1}$
	55	0	$678978300_1 = \chi_{41,0}, \varphi_{41,0}$
	56	0	$678978300_2 = \chi_{41,1}, \varphi_{41,1}$
	57	0	$707107401_1 = \chi_{42,0}, \varphi_{42,0}$
	58	0	$707107401_2 = \chi_{42,1}, \varphi_{42,1}$
	59	0	$733296564_1 = \chi_{43,0}, \varphi_{43,0}$
	60	0	$733296564_2 = \chi_{43,1}, \varphi_{43,1}$
	61	0	$814773960_1 = \chi_{45,0}, \varphi_{45,0}$
	62	0	$814773960_2 = \chi_{45,1}, \varphi_{45,1}$
	63	0	$872972100_1 = \chi_{46,0}, \varphi_{46,0}$
	64	0	$872972100_2 = \chi_{46,1}, \varphi_{46,1}$
	65	0	$1745944200_1 = \chi_{47+}, \varphi_{47+}$
	66	0	$1357956600_1 = \chi_{51,0}, \varphi_{51,0}$
	67	0	$1357956600_2 = \chi_{51,1}, \varphi_{51,1}$
	68	0	$1418926080_1 = \chi_{52,0}, \varphi_{52,0}$
	69	0	$1418926080_2 = \chi_{52,1}, \varphi_{52,1}$
	70	0	$2036934900_1 = \chi_{53,0}, \varphi_{53,0}$
	71	0	$2036934900_2 = \chi_{53,1}, \varphi_{53,1}$
	72	0	$4073869800_1 = \chi_{54+}, \varphi_{54+}$
	73	0	$2270281728_1 = \chi_{57,0}, \varphi_{57,0}$
	74	0	$2270281728_2 = \chi_{57,1}, \varphi_{57,1}$
	75	0	$5431826400_1 = \chi_{58+}, \varphi_{58+}$
	76	0	$2828429604_1 = \chi_{60,0}, \varphi_{60,0}$
	77	0	$2828429604_2 = \chi_{60,1}, \varphi_{60,1}$
	78	0	$5656859208_1 = \chi_{61+}, \varphi_{61+}$
	79	0	$3338649600_1 = \chi_{63,0}, \varphi_{63,0}$
	80	0	$3338649600_2 = \chi_{63,1}, \varphi_{63,1}$

	blocks	defect	matrix
	81	0	$4655851200_1 = \chi_{64,0}, \varphi_{64,0}$
	82	0	$4655851200_2 = \chi_{64,1}, \varphi_{64,1}$
	83	0	$4949751807_1 = \chi_{65,0}, \varphi_{65,0}$
	84	0	$4949751807_2 = \chi_{65,1}, \varphi_{65,1}$
	85	0	$5431826400_2 = \chi_{66,0}, \varphi_{66,0}$
	86	0	$5431826400_3 = \chi_{66,1}, \varphi_{66,1}$
	87	0	$6518191680_1 = \chi_{67,0}, \varphi_{67,0}$
	88	0	$6518191680_2 = \chi_{67,1}, \varphi_{67,1}$
	89	0	$7488847872_1 = \chi_{68,0}, \varphi_{68,0}$
	90	0	$7488847872_2 = \chi_{68,1}, \varphi_{68,1}$
	91	0	$7576150725_1 = \chi_{69,0}, \varphi_{69,0}$
	92	0	$7576150725_2 = \chi_{69,1}, \varphi_{69,1}$
	93	0	$8557215744_1 = \chi_{70,0}, \varphi_{70,0}$
	94	0	$8557215744_2 = \chi_{70,1}, \varphi_{70,1}$
	95	0	$9311702400_1 = \chi_{71,0}, \varphi_{71,0}$
	96	0	$9311702400_2 = \chi_{71,1}, \varphi_{71,1}$
	97	0	$18623404800_1 = \chi_{72+}, \varphi_{72+}$
	98	0	$9899503614_1 = \chi_{74,0}, \varphi_{74,0}$
	99	0	$9899503614_2 = \chi_{74,1}, \varphi_{74,1}$
	100	0	$10101534300_1 = \chi_{75,0}, \varphi_{75,0}$
	101	0	$10101534300_2 = \chi_{75,1}, \varphi_{75,1}$
	102	0	$10863652800_1 = \chi_{77,0}, \varphi_{77,0}$
	103	0	$10863652800_2 = \chi_{77,1}, \varphi_{77,1}$
	104	0	$11732745024_1 = \chi_{78,0}, \varphi_{78,0}$
	105	0	$11732745024_2 = \chi_{78,1}, \varphi_{78,1}$
	106	0	$11918979072_1 = \chi_{79,0}, \varphi_{79,0}$
	107	0	$11918979072_2 = \chi_{79,1}, \varphi_{79,1}$
	108	0	$23837958144_1 = \chi_{80+}, \varphi_{80+}$
	109	0	$12745441280_1 = \chi_{82,0}, \varphi_{82,0}$
	110	0	$12745441280_2 = \chi_{82,1}, \varphi_{82,1}$
	111	0	$13749310575_1 = \chi_{83,0}, \varphi_{83,0}$
	112	0	$13749310575_2 = \chi_{83,1}, \varphi_{83,1}$
	113	0	$13749310575_3 = \chi_{84,0}, \varphi_{84,0}$
	114	0	$13749310575_4 = \chi_{84,1}, \varphi_{84,1}$
	115	0	$27498621150_1 = \chi_{85+}, \varphi_{85+}$
	116	0	$14142148020_1 = \chi_{87,0}, \varphi_{87,0}$
	117	0	$14142148020_2 = \chi_{87,1}, \varphi_{87,1}$
	118	0	$14898723840_1 = \chi_{88,0}, \varphi_{88,0}$
	119	0	$14898723840_2 = \chi_{88,1}, \varphi_{88,1}$
	120	0	$17677685025_1 = \chi_{89,0}, \varphi_{89,0}$

	blocks	defect	matrix
	121	0	$17677685025_2 = \chi_{89,1}, \varphi_{89,1}$
	122	0	$35355370050_1 = \chi_{90+}, \varphi_{90+}$
	123	0	$19799007228_1 = \chi_{92,0}, \varphi_{92,0}$
	124	0	$19799007228_2 = \chi_{92,1}, \varphi_{92,1}$
	125	0	$21727305600_1 = \chi_{93,0}, \varphi_{93,0}$
	126	0	$21727305600_2 = \chi_{93,1}, \varphi_{93,1}$
	127	0	$24748759035_1 = \chi_{94,0}, \varphi_{94,0}$
	128	0	$24748759035_2 = \chi_{94,1}, \varphi_{94,1}$
	129	0	$54997242300_1 = \chi_{95+}, \varphi_{95+}$
	130	0	$27498621150_2 = \chi_{97,0}, \varphi_{97,0}$
	131	0	$27498621150_3 = \chi_{97,1}, \varphi_{97,1}$
	132	0	$54997242300_2 = \chi_{98+}, \varphi_{98+}$
	133	0	$28969740800_1 = \chi_{100,0}, \varphi_{100,0}$
	134	0	$28969740800_2 = \chi_{100,1}, \varphi_{100,1}$
	135	0	$57939481600_1 = \chi_{101+}, \varphi_{101+}$
	136	0	$63639666090_1 = \chi_{103+}, \varphi_{104+}$
	137	0	$32324909760_1 = \chi_{105,0}, \varphi_{106,0}$
	138	0	$32324909760_2 = \chi_{105,1}, \varphi_{106,1}$
	139	0	$39598014456_1 = \chi_{111,0}, \varphi_{108,0}$
	140	0	$39598014456_2 = \chi_{111,1}, \varphi_{108,1}$
	141	0	$45254873664_1 = \chi_{113,0}, \varphi_{109,0}$
	142	0	$45254873664_2 = \chi_{113,1}, \varphi_{109,1}$
	143	0	$45456904350_1 = \chi_{114,0}, \varphi_{110,0}$
	144	0	$45456904350_2 = \chi_{114,1}, \varphi_{110,1}$
	145	0	$49497518070_1 = \chi_{115,0}, \varphi_{111,0}$
	146	0	$49497518070_2 = \chi_{115,1}, \varphi_{111,1}$
	147	0	$53033055075_1 = \chi_{116,0}, \varphi_{112,0}$
	148	0	$53033055075_2 = \chi_{116,1}, \varphi_{112,1}$
	149	0	$54997242300_3 = \chi_{117,0}, \varphi_{113,0}$
	150	0	$54997242300_4 = \chi_{117,1}, \varphi_{113,1}$
	151	0	$117230963850_1 = \chi_{118+}, \varphi_{114+}$
	152	0	$60609205800_1 = \chi_{120,0}, \varphi_{116,0}$
	153	0	$60609205800_2 = \chi_{120,1}, \varphi_{116,1}$
	154	0	$65511420975_1 = \chi_{121,0}, \varphi_{117,0}$
	155	0	$65511420975_2 = \chi_{121,1}, \varphi_{117,1}$
	156	0	$65511420975_3 = \chi_{122,0}, \varphi_{118,0}$
	157	0	$65511420975_4 = \chi_{122,1}, \varphi_{118,1}$
	158	0	$85668781275_1 = \chi_{126,0}, \varphi_{120,0}$
	159	0	$85668781275_2 = \chi_{126,1}, \varphi_{120,1}$
2.G :	160	1	11×10

	blocks	defect	matrix
	161	1	11×10
	162	1	11×10
	163	0	$4667520_1 = \chi_{130,0}, \varphi_{124,0}$
	164	0	$4667520_2 = \chi_{130,1}, \varphi_{124,1}$
	165	0	$17736576_1 = \chi_{132,0}, \varphi_{126,0}$
	166	0	$17736576_2 = \chi_{132,1}, \varphi_{126,1}$
	167	0	$21909888_1 = \chi_{133,0}, \varphi_{127,0}$
	168	0	$21909888_2 = \chi_{133,1}, \varphi_{127,1}$
	169	0	$61395840_1 = \chi_{134,0}, \varphi_{128,0}$
	170	0	$61395840_2 = \chi_{134,1}, \varphi_{128,1}$
	171	0	$106419456_1 = \chi_{136,0}, \varphi_{130,0}$
	172	0	$106419456_2 = \chi_{136,1}, \varphi_{130,1}$
	173	0	$289697408_3 = \chi_{137,0}, \varphi_{131,0}$
	174	0	$289697408_4 = \chi_{137,1}, \varphi_{131,1}$
	175	0	$443414400_1 = \chi_{138,0}, \varphi_{132,0}$
	176	0	$443414400_2 = \chi_{138,1}, \varphi_{132,1}$
	177	0	$1324331008_1 = \chi_{140,+}, \varphi_{134,+}$
	178	0	$869092224_1 = \chi_{142,0}, \varphi_{136,0}$
	179	0	$869092224_2 = \chi_{142,1}, \varphi_{136,1}$
	180	0	$886828800_1 = \chi_{143,0}, \varphi_{137,0}$
	181	0	$886828800_2 = \chi_{143,1}, \varphi_{137,1}$
	182	0	$1361048832_1 = \chi_{145,0}, \varphi_{139,0}$
	183	0	$1361048832_2 = \chi_{145,1}, \varphi_{139,1}$
	184	0	$1521172224_1 = \chi_{146,0}, \varphi_{140,0}$
	185	0	$1521172224_2 = \chi_{146,1}, \varphi_{140,1}$
	186	0	$1862340480_1 = \chi_{147,0}, \varphi_{141,0}$
	187	0	$1862340480_2 = \chi_{147,1}, \varphi_{141,1}$
	188	0	$2128389120_1 = \chi_{149,0}, \varphi_{144,0}$
	189	0	$2128389120_2 = \chi_{149,1}, \varphi_{144,1}$
	190	0	$3342662400_1 = \chi_{151,0}, \varphi_{145,0}$
	191	0	$3342662400_2 = \chi_{151,1}, \varphi_{145,1}$
	192	0	$3352212864_1 = \chi_{152,0}, \varphi_{146,0}$
	193	0	$3352212864_2 = \chi_{152,1}, \varphi_{146,1}$
	194	0	$3476368896_1 = \chi_{153,0}, \varphi_{147,0}$
	195	0	$3476368896_2 = \chi_{153,1}, \varphi_{147,1}$
	196	0	$5348259840_1 = \chi_{158,0}, \varphi_{148,0}$
	197	0	$5348259840_2 = \chi_{158,1}, \varphi_{148,1}$
	198	0	$6962288256_1 = \chi_{160,0}, \varphi_{151,0}$
	199	0	$6962288256_2 = \chi_{160,1}, \varphi_{151,1}$
	200	0	$7662200832_1 = \chi_{161,0}, \varphi_{152,0}$

	blocks	defect	matrix
	201	0	$7662200832_2 = \chi_{161,1}, \varphi_{152,1}$
	202	0	$8690922240_1 = \chi_{162,0}, \varphi_{153,0}$
	203	0	$8690922240_2 = \chi_{162,1}, \varphi_{153,1}$
	204	0	$10906255360_1 = \chi_{163,0}, \varphi_{154,0}$
	205	0	$10906255360_2 = \chi_{163,1}, \varphi_{154,1}$
	206	0	$12929963904_1 = \chi_{164,0}, \varphi_{156,0}$
	207	0	$12929963904_2 = \chi_{164,1}, \varphi_{156,1}$
	208	0	$12929963904_3 = \chi_{165,0}, \varphi_{157,0}$
	209	0	$12929963904_4 = \chi_{165,1}, \varphi_{157,1}$
	210	0	$15135211520_1 = \chi_{167,0}, \varphi_{158,0}$
	211	0	$15135211520_2 = \chi_{167,1}, \varphi_{158,1}$
	212	0	$17381844480_1 = \chi_{168,0}, \varphi_{159,0}$
	213	0	$17381844480_2 = \chi_{168,1}, \varphi_{159,1}$
	214	0	$19155502080_1 = \chi_{169,0}, \varphi_{160,0}$
	215	0	$19155502080_2 = \chi_{169,1}, \varphi_{160,1}$
	216	0	$21727305600_3 = \chi_{170,0}, \varphi_{161,0}$
	217	0	$21727305600_4 = \chi_{170,1}, \varphi_{161,1}$
	218	0	$21727305600_5 = \chi_{171,0}, \varphi_{162,0}$
	219	0	$21727305600_6 = \chi_{171,1}, \varphi_{162,1}$
	220	0	$21727305600_7 = \chi_{172,0}, \varphi_{163,0}$
	221	0	$21727305600_8 = \chi_{172,1}, \varphi_{163,1}$
	222	0	$22583328768_1 = \chi_{173,0}, \varphi_{164,0}$
	223	0	$22583328768_2 = \chi_{173,1}, \varphi_{164,1}$
	224	0	$23465490048_1 = \chi_{174,0}, \varphi_{165,0}$
	225	0	$23465490048_2 = \chi_{174,1}, \varphi_{165,1}$
	226	0	$49662412800_1 = \chi_{175+}, \varphi_{166+}$
	227	0	$27880652800_1 = \chi_{179,0}, \varphi_{169,0}$
	228	0	$27880652800_2 = \chi_{179,1}, \varphi_{169,1}$
	229	0	$28969740800_3 = \chi_{180,0}, \varphi_{170,0}$
	230	0	$28969740800_4 = \chi_{180,1}, \varphi_{170,1}$
	231	0	$33949238400_1 = \chi_{182,0}, \varphi_{172,0}$
	232	0	$33949238400_2 = \chi_{182,1}, \varphi_{172,1}$
	233	0	$33949238400_3 = \chi_{183,0}, \varphi_{173,0}$
	234	0	$33949238400_4 = \chi_{183,1}, \varphi_{173,1}$
	235	0	$35916566400_1 = \chi_{184,0}, \varphi_{174,0}$
	236	0	$35916566400_2 = \chi_{184,1}, \varphi_{174,1}$
	237	0	$37838028800_1 = \chi_{185,0}, \varphi_{175,0}$
	238	0	$37838028800_2 = \chi_{185,1}, \varphi_{175,1}$
	239	0	$76218734592_1 = \chi_{186+}, \varphi_{176+}$
	240	0	$89392343040_1 = \chi_{188+}, \varphi_{178+}$

	blocks	defect	matrix
	241	0	$44757567360_1 = \chi_{190,0}, \varphi_{180,0}$
	242	0	$44757567360_2 = \chi_{190,1}, \varphi_{180,1}$
	243	0	$47675916288_1 = \chi_{191,0}, \varphi_{181,0}$
	244	0	$47675916288_2 = \chi_{191,1}, \varphi_{181,1}$
	245	0	$49401031680_1 = \chi_{192,0}, \varphi_{182,0}$
	246	0	$49401031680_2 = \chi_{192,1}, \varphi_{182,1}$
	247	0	$49662412800_2 = \chi_{193,0}, \varphi_{183,0}$
	248	0	$49662412800_3 = \chi_{193,1}, \varphi_{183,1}$
	249	0	$55621902336_1 = \chi_{194,0}, \varphi_{184,0}$
	250	0	$55621902336_2 = \chi_{194,1}, \varphi_{184,1}$
	251	0	$57939481600_2 = \chi_{196,0}, \varphi_{186,0}$
	252	0	$57939481600_3 = \chi_{196,1}, \varphi_{186,1}$
	253	0	$64649819520_1 = \chi_{198,0}, \varphi_{187,0}$
	254	0	$64649819520_2 = \chi_{198,1}, \varphi_{187,1}$
	255	0	$65181916800_1 = \chi_{199,0}, \varphi_{188,0}$
	256	0	$65181916800_2 = \chi_{199,1}, \varphi_{188,1}$
	257	0	$90509747328_1 = \chi_{201,0}, \varphi_{189,0}$
	258	0	$90509747328_2 = \chi_{201,1}, \varphi_{189,1}$
	259	0	$103524220800_1 = \chi_{202,0}, \varphi_{190,0}$
	260	0	$103524220800_2 = \chi_{202,1}, \varphi_{190,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{49,0}$	$\varphi_{49,1}$	$\varphi_{56,0}$	$\varphi_{56,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.
$20155200_1 = \chi_{14,0}$	1	.	1	.	.	.	.	.
$20155200_2 = \chi_{14,1}$	.	1	.	1	.	.	.	.
$1003871232_1 = \chi_{49,0}$	.	.	1	.	1	.	.	.
$1003871232_2 = \chi_{49,1}$	.	.	.	1	.	1	.	.
$2217779200_1 = \chi_{56,0}$	.	.	.	.	.	.	1	.
$2217779200_2 = \chi_{56,1}$	.	.	.	.	.	.	.	1
$32514244608_1 = \chi_{106,0}$	.	.	.	.	1	.	.	.
$32514244608_2 = \chi_{106,1}$	.	.	.	.	.	1	.	.
$67496615550_1 = \chi_{107+}$	.	.	.	.	.	.	1	1

(Block 1:)	$\varphi_{103,0}$	$\varphi_{103,1}$		
$1_1 = \chi_{1,0}$	.	.	$\varphi_{1,0} =$	1_1
$1_2 = \chi_{1,1}$	.	.	$\varphi_{1,1} =$	1_2
$20155200_1 = \chi_{14,0}$	.	.	$\varphi_{14,0} =$	20155199_1
$20155200_2 = \chi_{14,1}$	.	.	$\varphi_{14,1} =$	20155199_2
$1003871232_1 = \chi_{49,0}$	.	.	$\varphi_{49,0} =$	983716033_1
$1003871232_2 = \chi_{49,1}$	.	.	$\varphi_{49,1} =$	983716033_2
$2217779200_1 = \chi_{56,0}$	.	.	$\varphi_{56,0} =$	2217779200_1
$2217779200_2 = \chi_{56,1}$	.	.	$\varphi_{56,1} =$	2217779200_2
$32514244608_1 = \chi_{106,0}$	1	.	$\varphi_{103,0} =$	31530528575_1
$32514244608_2 = \chi_{106,1}$	.	1	$\varphi_{103,1} =$	31530528575_2
$67496615550_1 = \chi_{107+}$	1	1		

Block 2:	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{20,0}$	$\varphi_{20,1}$	$\varphi_{50,0}$	$\varphi_{50,1}$
$1938_1 = \chi_{2,0}$	1	.	.	.	.	.	.	.
$1938_2 = \chi_{2,1}$	.	1	.	.	.	.	.	.
$4331600_1 = \chi_{13,0}$	.	.	1	.	.	.	.	.
$4331600_2 = \chi_{13,1}$	.	.	.	1	.	.	.	.
$62741952_1 = \chi_{20,0}$	1	.	.	.	1	.	.	.
$62741952_2 = \chi_{20,1}$	.	1	.	.	.	1	.	.
$1289932800_1 = \chi_{50,0}$	.	.	.	.	1	.	1	.
$1289932800_2 = \chi_{50,1}$	.	.	.	.	.	1	.	1
$134993231100_1 = \chi_{123+}$	.	.	1	1	.	.	.	.
$68719476736_1 = \chi_{125,0}$	.	.	.	.	.	.	1	.
$68719476736_2 = \chi_{125,1}$	.	.	.	.	.	.	.	1

(Block 2:)	$\varphi_{119,0}$	$\varphi_{119,1}$		
$1938_1 = \chi_{2,0}$	.	.	$\varphi_{2,0} =$	1938_1
$1938_2 = \chi_{2,1}$	.	.	$\varphi_{2,1} =$	1938_2
$4331600_1 = \chi_{13,0}$	.	.	$\varphi_{13,0} =$	4331600_1
$4331600_2 = \chi_{13,1}$	.	.	$\varphi_{13,1} =$	4331600_2
$62741952_1 = \chi_{20,0}$	.	.	$\varphi_{20,0} =$	62740014_1
$62741952_2 = \chi_{20,1}$	.	.	$\varphi_{20,1} =$	62740014_2
$1289932800_1 = \chi_{50,0}$	.	.	$\varphi_{50,0} =$	1227192786_1
$1289932800_2 = \chi_{50,1}$	.	.	$\varphi_{50,1} =$	1227192786_2
$134993231100_1 = \chi_{123+}$	1	1	$\varphi_{119,0} =$	67492283950_1
$68719476736_1 = \chi_{125,0}$	1	.	$\varphi_{119,1} =$	67492283950_2
$68719476736_2 = \chi_{125,1}$	.	1		

Block 9:	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{33,0}$	$\varphi_{33,1}$	$\varphi_{44,0}$	$\varphi_{44,1}$	$\varphi_{76,0}$	$\varphi_{76,1}$
$1322685_1 = \chi_{6,0}$	1	.	.	.	.	.	.	.
$1322685_2 = \chi_{6,1}$	.	1	.	.	.	.	.	.
$333316620_1 = \chi_{33,0}$	1	.	1	.	.	.	.	.
$333316620_2 = \chi_{33,1}$	.	1	.	1	.	.	.	.
$740703600_1 = \chi_{44,0}$	.	.	.	.	1	.	.	.
$740703600_2 = \chi_{44,1}$	.	.	.	.	.	1	.	.
$10666131840_1 = \chi_{76,0}$	.	.	1	.	.	.	1	.
$10666131840_2 = \chi_{76,1}$	.	.	.	1	.	.	.	1
$67496615550_2 = \chi_{109+}$	.	.	.	.	1	1	.	.
$43341742080_1 = \chi_{112,0}$	.	.	.	.	.	.	1	.
$43341742080_2 = \chi_{112,1}$	.	.	.	.	.	.	.	1

(Block 9:)	$\varphi_{107,0}$	$\varphi_{107,1}$	
$1322685_1 = \chi_{6,0}$	.	.	$\varphi_{6,0} = 1322685_1$
$1322685_2 = \chi_{6,1}$	.	.	$\varphi_{6,1} = 1322685_2$
$333316620_1 = \chi_{33,0}$	.	.	$\varphi_{33,0} = 331993935_1$
$333316620_2 = \chi_{33,1}$	.	.	$\varphi_{33,1} = 331993935_2$
$740703600_1 = \chi_{44,0}$	.	.	$\varphi_{44,0} = 740703600_1$
$740703600_2 = \chi_{44,1}$	.	.	$\varphi_{44,1} = 740703600_2$
$10666131840_1 = \chi_{76,0}$	.	.	$\varphi_{76,0} = 10334137905_1$
$10666131840_2 = \chi_{76,1}$	.	.	$\varphi_{76,1} = 10334137905_2$
$67496615550_2 = \chi_{109+}$	1	1	$\varphi_{107,0} = 33007604175_1$
$43341742080_1 = \chi_{112,0}$	1	.	$\varphi_{107,1} = 33007604175_2$
$43341742080_2 = \chi_{112,1}$	.	1	

Block 160:	$\varphi_{121,0}$	$\varphi_{121,1}$	$\varphi_{125,0}$	$\varphi_{125,1}$	$\varphi_{133,0}$	$\varphi_{133,1}$	$\varphi_{143,0}$
$2432_1 = \chi_{127,0}$	1	.	.	.	.	.	.
$2432_2 = \chi_{127,1}$	.	1	.	.	.	.	.
$5374720_1 = \chi_{131,0}$	1	.	1	.	.	.	.
$5374720_2 = \chi_{131,1}$	.	1	.	1	.	.	.
$526722560_1 = \chi_{139,0}$	.	.	.	1	1	.	.
$526722560_2 = \chi_{139,1}$	.	.	1	.	.	1	.
$2606204160_1 = \chi_{150,0}$	.	.	.	.	1	.	1
$2606204160_2 = \chi_{150,1}$	.	.	.	.	.	1	.
$7584804864_1 = \chi_{154+}$	.	.	.	.	.	.	.
$5877256320_1 = \chi_{159,0}$	.	.	.	.	.	.	1
$5877256320_2 = \chi_{159,1}$	.	.	.	.	.	.	.

(Block 160:)	$\varphi_{143,1}$	$\varphi_{149,0}$	$\varphi_{149,1}$		
$2432_1 = \chi_{127,0}$	.	.	.	$\varphi_{121,0} =$	2432_1
$2432_2 = \chi_{127,1}$	.	.	.	$\varphi_{121,1} =$	2432_2
$5374720_1 = \chi_{131,0}$	.	.	.	$\varphi_{125,0} =$	5372288_1
$5374720_2 = \chi_{131,1}$	.	.	.	$\varphi_{125,1} =$	5372288_2
$526722560_1 = \chi_{139,0}$	.	.	.	$\varphi_{133,0} =$	521350272_1
$526722560_2 = \chi_{139,1}$	.	.	.	$\varphi_{133,1} =$	521350272_2
$2606204160_1 = \chi_{150,0}$	.	.	.	$\varphi_{143,0} =$	2084853888_1
$2606204160_2 = \chi_{150,1}$	1	.	.	$\varphi_{143,1} =$	2084853888_2
$7584804864_1 = \chi_{154+}$	.	1	1	$\varphi_{149,0} =$	3792402432_1
$5877256320_1 = \chi_{159,0}$	.	1	.	$\varphi_{149,1} =$	3792402432_2
$5877256320_2 = \chi_{159,1}$	1	.	1		

Block 161:	$\varphi_{122,0}$	$\varphi_{122,1}$	$\varphi_{138,0}$	$\varphi_{138,1}$	$\varphi_{150,0}$	$\varphi_{150,1}$	$\varphi_{155,0}$
$45696_1 = \chi_{128,0}$	1	.	.	.	.	.	.
$45696_2 = \chi_{128,1}$	.	1	.	.	.	.	.
$1175451264_1 = \chi_{144,0}$	1	.	1	.	.	.	.
$1175451264_2 = \chi_{144,1}$	.	1	.	1	.	.	.
$10534451200_1 = \chi_{156+}$	.	.	.	.	1	1	.
$13208911872_1 = \chi_{166,0}$	.	.	1	.	.	.	1
$13208911872_2 = \chi_{166,1}$	.	.	.	1	.	.	.
$61953196032_1 = \chi_{197,0}$	.	.	.	.	.	1	.
$61953196032_2 = \chi_{197,1}$	.	.	.	.	1	.	.
$68719476736_3 = \chi_{200,0}$	.	.	.	.	.	.	1
$68719476736_4 = \chi_{200,1}$	.	.	.	.	.	.	.

(Block 161:)	$\varphi_{155,1}$	$\varphi_{185,0}$	$\varphi_{185,1}$		
$45696_1 = \chi_{128,0}$	.	.	.	$\varphi_{122,0} =$	45696_1
$45696_2 = \chi_{128,1}$	.	.	.	$\varphi_{122,1} =$	45696_2
$1175451264_1 = \chi_{144,0}$	.	.	.	$\varphi_{138,0} =$	1175405568_1
$1175451264_2 = \chi_{144,1}$	.	.	.	$\varphi_{138,1} =$	1175405568_2
$10534451200_1 = \chi_{156+}$	.	.	.	$\varphi_{150,0} =$	5267225600_1
$13208911872_1 = \chi_{166,0}$	.	.	.	$\varphi_{150,1} =$	5267225600_2
$13208911872_2 = \chi_{166,1}$	1	.	.	$\varphi_{155,0} =$	12033506304_1
$61953196032_1 = \chi_{197,0}$	.	1	.	$\varphi_{155,1} =$	12033506304_2
$61953196032_2 = \chi_{197,1}$	.	.	1	$\varphi_{185,0} =$	56685970432_1
$68719476736_3 = \chi_{200,0}$	.	1	.	$\varphi_{185,1} =$	56685970432_2
$68719476736_4 = \chi_{200,1}$	1	.	1		

Block 162:	$\varphi_{123,0}$	$\varphi_{123,1}$	$\varphi_{129,0}$	$\varphi_{129,1}$	$\varphi_{142,0}$	$\varphi_{142,1}$	$\varphi_{168,0}$
$537472_1 = \chi_{129,0}$	1	.	.	.	.	.	.
$537472_2 = \chi_{129,1}$	.	1	.	.	.	.	.
$90419328_1 = \chi_{135,0}$	1	.	1	.	.	.	.
$90419328_2 = \chi_{135,1}$	.	1	.	1	.	.	.
$1975209600_1 = \chi_{148,0}$	.	.	1	.	1	.	.
$1975209600_2 = \chi_{148,1}$	.	.	.	1	.	1	.
$53936390144_1 = \chi_{177+}$	.	.	.	.	.	.	1
$32514244608_3 = \chi_{181,0}$	.	.	.	.	.	1	.
$32514244608_4 = \chi_{181,1}$	.	.	.	.	1	.	.
$57597111936_1 = \chi_{195,0}$	.	.	.	.	.	.	1
$57597111936_2 = \chi_{195,1}$	.	.	.	.	.	.	.

(Block 162:)	$\varphi_{168,1}$	$\varphi_{171,0}$	$\varphi_{171,1}$	
$537472_1 = \chi_{129,0}$	.	.	.	$\varphi_{123,0} = 537472_1$
$537472_2 = \chi_{129,1}$	.	.	.	$\varphi_{123,1} = 537472_2$
$90419328_1 = \chi_{135,0}$	.	.	.	$\varphi_{129,0} = 89881856_1$
$90419328_2 = \chi_{135,1}$	.	.	.	$\varphi_{129,1} = 89881856_2$
$1975209600_1 = \chi_{148,0}$	.	.	.	$\varphi_{142,0} = 1885327744_1$
$1975209600_2 = \chi_{148,1}$	.	.	.	$\varphi_{142,1} = 1885327744_2$
$53936390144_1 = \chi_{177+}$	1	.	.	$\varphi_{168,0} = 26968195072_1$
$32514244608_3 = \chi_{181,0}$	.	1	.	$\varphi_{168,1} = 26968195072_2$
$32514244608_4 = \chi_{181,1}$	.	.	1	$\varphi_{171,0} = 30628916864_1$
$57597111936_1 = \chi_{195,0}$	.	1	.	$\varphi_{171,1} = 30628916864_2$
$57597111936_2 = \chi_{195,1}$	1	.	1	