

$A_{14}.2 \pmod{11}$

	blocks	defect	matrix
$G :$	1	1	11×10
	2	1	11×10
	3	1	11×10
	4	0	$77_1 = \chi_{3,0}, \varphi_{3,1}$
	5	0	$77_2 = \chi_{3,1}, \varphi_{3,0}$
	6	0	$286_1 = \chi_{6,0}, \varphi_{6,0}$
	7	0	$286_2 = \chi_{6,1}, \varphi_{6,1}$
	8	0	$429_1 = \chi_{7,0}, \varphi_{7,1}$
	9	0	$429_2 = \chi_{7,1}, \varphi_{7,0}$
	10	0	$715_1 = \chi_{10,0}, \varphi_{10,1}$
	11	0	$715_2 = \chi_{10,1}, \varphi_{10,0}$
	12	0	$1001_1 = \chi_{11,0}, \varphi_{12,1}$
	13	0	$1001_2 = \chi_{11,1}, \varphi_{12,0}$
	14	0	$1001_3 = \chi_{12,0}, \varphi_{13,0}$
	15	0	$1001_4 = \chi_{12,1}, \varphi_{13,1}$
	16	0	$1287_1 = \chi_{13,0}, \varphi_{14,0}$
	17	0	$1287_2 = \chi_{13,1}, \varphi_{14,1}$
	18	0	$1716_1 = \chi_{15,0}, \varphi_{15,0}$
	19	0	$1716_2 = \chi_{15,1}, \varphi_{15,1}$
	20	0	$2002_1 = \chi_{16,0}, \varphi_{16,0}$
	21	0	$2002_2 = \chi_{16,1}, \varphi_{16,1}$
	22	0	$2079_1 = \chi_{17,0}, \varphi_{17,1}$
	23	0	$2079_2 = \chi_{17,1}, \varphi_{17,0}$
	24	0	$4576_1 = \chi_{19,0}, \varphi_{19,1}$
	25	0	$4576_2 = \chi_{19,1}, \varphi_{19,0}$
	26	0	$4928_1 = \chi_{22,0}, \varphi_{22,0}$
	27	0	$4928_2 = \chi_{22,1}, \varphi_{22,1}$
	28	0	$6006_1 = \chi_{24,0}, \varphi_{24,0}$
	29	0	$6006_2 = \chi_{24,1}, \varphi_{24,1}$
	30	0	$6006_3 = \chi_{25,0}, \varphi_{25,1}$
	31	0	$6006_4 = \chi_{25,1}, \varphi_{25,0}$
	32	0	$6006_5 = \chi_{26,0}, \varphi_{26,0}$
	33	0	$6006_6 = \chi_{26,1}, \varphi_{26,1}$
	34	0	$6435_1 = \chi_{27,0}, \varphi_{27,1}$
	35	0	$6435_2 = \chi_{27,1}, \varphi_{27,0}$
	36	0	$7007_1 = \chi_{28,0}, \varphi_{29,0}$
	37	0	$7007_2 = \chi_{28,1}, \varphi_{29,1}$
	38	0	$7007_3 = \chi_{29,0}, \varphi_{30,0}$
	39	0	$7007_4 = \chi_{29,1}, \varphi_{30,1}$
	40	0	$7007_5 = \chi_{30,0}, \varphi_{31,0}$

	blocks	defect	matrix
	41	0	$7007_6 = \chi_{30,1}, \varphi_{31,1}$
	42	0	$8085_1 = \chi_{32,0}, \varphi_{32,0}$
	43	0	$8085_2 = \chi_{32,1}, \varphi_{32,1}$
	44	0	$9009_1 = \chi_{33,0}, \varphi_{33,1}$
	45	0	$9009_2 = \chi_{33,1}, \varphi_{33,0}$
	46	0	$9504_1 = \chi_{20+}, \varphi_{20+}$
	47	0	$12012_1 = \chi_{34,0}, \varphi_{35,0}$
	48	0	$12012_2 = \chi_{34,1}, \varphi_{35,1}$
	49	0	$12012_3 = \chi_{35,0}, \varphi_{36,1}$
	50	0	$12012_4 = \chi_{35,1}, \varphi_{36,0}$
	51	0	$14014_1 = \chi_{37,0}, \varphi_{38,1}$
	52	0	$14014_2 = \chi_{37,1}, \varphi_{38,0}$
	53	0	$14014_3 = \chi_{38,0}, \varphi_{39,0}$
	54	0	$14014_4 = \chi_{38,1}, \varphi_{39,1}$
	55	0	$14014_5 = \chi_{39,0}, \varphi_{40,1}$
	56	0	$14014_6 = \chi_{39,1}, \varphi_{40,0}$
	57	0	$15015_1 = \chi_{40,0}, \varphi_{41,0}$
	58	0	$15015_2 = \chi_{40,1}, \varphi_{41,1}$
	59	0	$15015_3 = \chi_{41,0}, \varphi_{42,0}$
	60	0	$15015_4 = \chi_{41,1}, \varphi_{42,1}$
	61	0	$15015_5 = \chi_{42,0}, \varphi_{43,1}$
	62	0	$15015_6 = \chi_{42,1}, \varphi_{43,0}$
	63	0	$15444_1 = \chi_{43,0}, \varphi_{45,1}$
	64	0	$15444_2 = \chi_{43,1}, \varphi_{45,0}$
	65	0	$16016_1 = \chi_{44,0}, \varphi_{46,1}$
	66	0	$16016_2 = \chi_{44,1}, \varphi_{46,0}$
	67	0	$21021_1 = \chi_{46,0}, \varphi_{48,0}$
	68	0	$21021_2 = \chi_{46,1}, \varphi_{48,1}$
	69	0	$21021_3 = \chi_{47,0}, \varphi_{49,1}$
	70	0	$21021_4 = \chi_{47,1}, \varphi_{49,0}$
	71	0	$21021_5 = \chi_{48,0}, \varphi_{50,0}$
	72	0	$21021_6 = \chi_{48,1}, \varphi_{50,1}$
	73	0	$21450_1 = \chi_{49,0}, \varphi_{51,0}$
	74	0	$21450_2 = \chi_{49,1}, \varphi_{51,1}$
	75	0	$21450_3 = \chi_{50,0}, \varphi_{52,0}$
	76	0	$21450_4 = \chi_{50,1}, \varphi_{52,1}$
	77	0	$27027_1 = \chi_{53,0}, \varphi_{53,1}$
	78	0	$27027_2 = \chi_{53,1}, \varphi_{53,0}$
	79	0	$27027_3 = \chi_{54,0}, \varphi_{54,1}$
	80	0	$27027_4 = \chi_{54,1}, \varphi_{54,0}$

	blocks	defect	matrix
	81	0	$28028_1 = \chi_{55,0}, \varphi_{55,1}$
	82	0	$28028_2 = \chi_{55,1}, \varphi_{55,0}$
	83	0	$35035_1 = \chi_{61,0}, \varphi_{59,1}$
	84	0	$35035_2 = \chi_{61,1}, \varphi_{59,0}$
	85	0	$35035_3 = \chi_{62,0}, \varphi_{60,1}$
	86	0	$35035_4 = \chi_{62,1}, \varphi_{60,0}$
	87	0	$36608_1 = \chi_{63,0}, \varphi_{61,0}$
	88	0	$36608_2 = \chi_{63,1}, \varphi_{61,1}$
	89	0	$42042_1 = \chi_{64,0}, \varphi_{62,1}$
	90	0	$42042_2 = \chi_{64,1}, \varphi_{62,0}$
	91	0	$42042_3 = \chi_{65,0}, \varphi_{63,1}$
	92	0	$42042_4 = \chi_{65,1}, \varphi_{63,0}$
	93	0	$48048_1 = \chi_{67,0}, \varphi_{64,0}$

	blocks	defect	matrix
	94	0	$48048_2 = \chi_{67,1}, \varphi_{64,1}$
	95	0	$48048_3 = \chi_{68,0}, \varphi_{65,1}$
	96	0	$48048_4 = \chi_{68,1}, \varphi_{65,0}$
	97	0	$50050_1 = \chi_{69,0}, \varphi_{66,0}$
	98	0	$50050_2 = \chi_{69,1}, \varphi_{66,1}$
	99	0	$63063_1 = \chi_{70,0}, \varphi_{67,0}$
	100	0	$63063_2 = \chi_{70,1}, \varphi_{67,1}$
	101	0	$64064_1 = \chi_{71,0}, \varphi_{68,0}$
	102	0	$64064_2 = \chi_{71,1}, \varphi_{68,1}$
	103	0	$68640_1 = \chi_{59+}, \varphi_{57+}$
	104	0	$69498_1 = \chi_{72,0}, \varphi_{69,1}$
	105	0	$69498_2 = \chi_{72,1}, \varphi_{69,0}$

Block 1:	$\varphi_{1,0}$	$\varphi_{4,1}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{11,1}$	$\varphi_{18,0}$	$\varphi_{28,1}$	$\varphi_{34,1}$	$\varphi_{37,1}$	$\varphi_{44,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$78_2 = \chi_{4,1}$.	1	.	.	.	.	.	.	.	.
$560_2 = \chi_{8,1}$.	1	1	.	.	.	.	.	.	.
$637_1 = \chi_{9,0}$	1	.	.	1	.	.	.	.	.	.
$1365_2 = \chi_{14,1}$.	.	1	.	1	.	.	.	.	.
$4368_1 = \chi_{18,0}$.	.	.	1	.	1	.	.	.	.
$7644_2 = \chi_{31,1}$	1	.	1	.	.	.
$13650_1 = \chi_{36,0}$	1	.	1	.	.
$20384_2 = \chi_{45,1}$	1	.	1	.
$24960_1 = \chi_{52,0}$	1	.	1
$28665_1 = \chi_{56,0}$	1	1

$$\begin{array}{ll}
\varphi_{1,0} &= 1_1 \\
\varphi_{4,1} &= 78_2 \\
\varphi_{8,1} &= 482_2 \\
\varphi_{9,0} &= 636_1 \\
\varphi_{11,1} &= 883_2
\end{array}
\qquad
\begin{array}{ll}
\varphi_{18,0} &= 3732_1 \\
\varphi_{28,1} &= 6761_2 \\
\varphi_{34,1} &= 9918_2 \\
\varphi_{37,1} &= 13623_2 \\
\varphi_{44,1} &= 15042_2
\end{array}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{4,0}$	$\varphi_{8,0}$	$\varphi_{9,1}$	$\varphi_{11,0}$	$\varphi_{18,1}$	$\varphi_{28,0}$	$\varphi_{34,0}$	$\varphi_{37,0}$	$\varphi_{44,0}$
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$78_1 = \chi_{4,0}$.	1	.	.	.	.	.	.	.	.
$560_1 = \chi_{8,0}$.	1	1	.	.	.	.	.	.	.
$637_2 = \chi_{9,1}$	1	.	.	1	.	.	.	.	.	.
$1365_1 = \chi_{14,0}$.	.	1	.	1	.	.	.	.	.
$4368_2 = \chi_{18,1}$.	.	.	1	.	1	.	.	.	.
$7644_1 = \chi_{31,0}$	1	.	1	.	.	.
$13650_2 = \chi_{36,1}$	1	.	1	.	.
$20384_1 = \chi_{45,0}$	1	.	1	.
$24960_2 = \chi_{52,1}$	1	.	1
$28665_2 = \chi_{56,1}$	1	1

$$\begin{array}{ll}
\varphi_{1,1} &= 1_2 \\
\varphi_{4,0} &= 78_1 \\
\varphi_{8,0} &= 482_1 \\
\varphi_{9,1} &= 636_2 \\
\varphi_{11,0} &= 883_1 \\
\varphi_{18,1} &= 3732_2 \\
\varphi_{28,0} &= 6761_1 \\
\varphi_{34,0} &= 9918_1 \\
\varphi_{37,0} &= 13623_1 \\
\varphi_{44,0} &= 15042_1
\end{array}$$

Block 3:	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{47,0}$	$\varphi_{47,1}$	$\varphi_{56,0}$	$\varphi_{56,1}$
$13_1 = \chi_{2,0}$.	1	.	.	.	.	.	.	.	.
$13_2 = \chi_{2,1}$	1	.	.	.	.	.	.	.	.	.
$273_1 = \chi_{5,0}$.	1	1	.	.	.	.	.	.	.
$273_2 = \chi_{5,1}$	1	.	.	1	.	.	.	.	.	.
$5733_1 = \chi_{23,0}$.	.	1	.	.	1	.	.	.	.
$5733_2 = \chi_{23,1}$.	.	.	1	1	.	.	.	.	.
$23296_1 = \chi_{51,0}$	1	1	.	.	.
$23296_2 = \chi_{51,1}$	1	.	.	1	.	.
$47775_1 = \chi_{66,0}$	1	.	1	.
$47775_2 = \chi_{66,1}$	1	.	1
$59904_1 = \chi_{57+}$	1	1

$$\begin{array}{ll}
\varphi_{2,0} &= 13_1 \\
\varphi_{2,1} &= 13_2 \\
\varphi_{5,0} &= 260_1 \\
\varphi_{5,1} &= 260_2 \\
\varphi_{23,0} &= 5473_1 \\
\varphi_{23,1} &= 5473_2 \\
\varphi_{47,0} &= 17823_1 \\
\varphi_{47,1} &= 17823_2 \\
\varphi_{56,0} &= 29952_1 \\
\varphi_{56,1} &= 29952_2
\end{array}$$