A_{12} (mod 11)

	blocks	defect	matrix
$G:$	1	1	7×5
	2	0	$11_1 = \chi_2, \varphi_2$
	3	0	$55_1 = \chi_4, \varphi_4$
	4	0	$132_1 = \chi_5, \varphi_5$
	5	0	$154_1 = \chi_6, \varphi_6$
	6	0	$165_1 = \chi_7, \varphi_7$
	7	0	$275_1 = \chi_8, \varphi_9$
	8	0	$297_1 = \chi_9, \varphi_{10}$
	9	0	$330_1 = \chi_{11}, \varphi_{11}$
	10	0	$462_1 = \chi_{12}, \varphi_{12}$
	11	0	$462_2 = \chi_{13}, \varphi_{13}$
	12	0	$616_1 = \chi_{14}, \varphi_{14}$
	13	0	$891_1 = \chi_{15}, \varphi_{16}$
	14	0	$1155_1 = \chi_{19}, \varphi_{18}$
	15	0	$1320_1 = \chi_{20}, \varphi_{19}$
	16	0	$1320_2 = \chi_{21}, \varphi_{20}$
	$17 = \overline{16}$	0	$1320_3 = \chi_{22}, \varphi_{21}$
	18	0	$1408_1 = \chi_{23}, \varphi_{22}$
	19	0	$1485_1 = \chi_{24}, \varphi_{23}$
	20	0	$1650_1 = \chi_{25}, \varphi_{24}$
	21	0	$1925_1 = \chi_{27}, \varphi_{25}$
	22	0	$1925_2 = \chi_{28}, \varphi_{26}$
	23	0	$2079_1 = \chi_{29}, \varphi_{27}$
	24	0	$2112_1 = \chi_{30}, \varphi_{28}$
	25	0	$2376_1 = \chi_{31}, \varphi_{29}$
	26	0	$2673_1 = \chi_{32}, \varphi_{30}$
	27	0	$2970_1 = \chi_{33}, \varphi_{31}$
	28	0	$3080_1 = \chi_{34}, \varphi_{32}$
	29	0	$3520_1 = \chi_{35}, \varphi_{33}$
	30	0	$3564_1 = \chi_{36}, \varphi_{34}$
	31	0	$3696_1 = \chi_{37}, \varphi_{35}$
	32	0	$3850_1 = \chi_{38}, \varphi_{36}$
	$33 = \overline{32}$	0	$3850_2 = \chi_{39}, \varphi_{37}$
	34	0	$4158_1 = \chi_{40}, \varphi_{38}$
	35	0	$4455_1 = \chi_{41}, \varphi_{39}$
	36	0	$5632_1 = \chi_{42}, \varphi_{40}$
	37	0	$5775_1 = \chi_{43}, \varphi_{41}$
$2.G:$	38	1	7×5
	39	0	$704_1 = \chi_{47}, \varphi_{44}$
	$40 = \overline{39}$	0	$704_2 = \chi_{48}, \varphi_{45}$

	blocks	defect	matrix
	41	0	$1408_2 = \chi_{49}, \varphi_{46}$
	42	0	$1408_3 = \chi_{50}, \varphi_{47}$
	43	0	$1760_1 = \chi_{51}, \varphi_{49}$
	44	0	$1760_2 = \chi_{52}, \varphi_{50}$
	$45 = \overline{44}$	0	$1760_3 = \chi_{53}, \varphi_{51}$
	46	0	$1760_4 = \chi_{54}, \varphi_{52}$
	47	0	$1760_5 = \chi_{55}, \varphi_{53}$
	48	0	$2112_2 = \chi_{57}, \varphi_{54}$
	$49 = \overline{48}$	0	$2112_3 = \chi_{58}, \varphi_{55}$
	50	0	$2640_1 = \chi_{59}, \varphi_{56}$
	$51 = \overline{50}$	0	$2640_2 = \chi_{60}, \varphi_{57}$
	52	0	$5632_2 = \chi_{63}, \varphi_{60}$
	53	0	$7392_1 = \chi_{64}, \varphi_{61}$

Block 1:	φ_1	φ_3	φ_8	φ_{15}	φ_{17}
$1_1 = \chi_1$	1	.	.	.	.
$54_1 = \chi_3$	1	1	.	.	.
$320_1 = \chi_{10}$	.	1	1	.	.
$945_1 = \chi_{16}$	.	.	1	1	.
$1050_1 = \chi_{17}$	.	.	.	.	1
$1050_2 = \chi_{18}$	.	.	.	.	1
$1728_1 = \chi_{26}$	.	.	.	1	1

$\varphi_1 = 1_1$
$\varphi_3 = 53_1$
$\varphi_8 = 267_1$
$\varphi_{15} = 678_1$
$\varphi_{17} = 1050_1$

Block 38:	φ_{42}	φ_{43}	φ_{48}	φ_{58}	φ_{59}
$32_1 = \chi_{44}$	1	.	.	.	.
$160_1 = \chi_{45}$	1	1	.	.	.
$160_2 = \chi_{46}$	1	1	.	.	.
$1792_1 = \chi_{56}$	.	1	1	.	.
$3840_1 = \chi_{61}$	.	.	.	1	.
$5600_1 = \chi_{62}$	.	.	1	.	1
$7776_1 = \chi_{65}$	.	.	.	1	1

$\varphi_{42} = 32_1$
$\varphi_{43} = 128_1$
$\varphi_{48} = 1664_1$
$\varphi_{58} = 3840_1$
$\varphi_{59} = 3936_1$