

$A_{17} \pmod{17}$

	blocks	defect	matrix
$G :$	1	1	10×8
	2	0	$119_1 = \chi_3, \varphi_4$
	3	0	$544_1 = \chi_5, \varphi_6$
	4	0	$1105_1 = \chi_7, \varphi_7$
	5	0	$1700_1 = \chi_8, \varphi_9$
	6	0	$3536_1 = \chi_{10}, \varphi_{11}$
	7	0	$3808_1 = \chi_{11}, \varphi_{12}$
	8	0	$4862_1 = \chi_{13}, \varphi_{13}$
	9	0	$5236_1 = \chi_{14}, \varphi_{15}$
	10	0	$5355_1 = \chi_{15}, \varphi_{16}$
	11	0	$6188_1 = \chi_{16}, \varphi_{17}$
	12	0	$7072_1 = \chi_{19}, \varphi_{19}$
	13	0	$15912_1 = \chi_{22}, \varphi_{20}$
	14	0	$17017_1 = \chi_{23}, \varphi_{21}$
	15	0	$19448_1 = \chi_{24}, \varphi_{22}$
	16	0	$20400_1 = \chi_{25}, \varphi_{23}$
	17	0	$20944_1 = \chi_{26}, \varphi_{24}$
	18	0	$24752_1 = \chi_{27}, \varphi_{25}$
	19	0	$33320_1 = \chi_{28}, \varphi_{26}$
	20	0	$35700_1 = \chi_{29}, \varphi_{27}$
	21	0	$37400_1 = \chi_{30}, \varphi_{28}$
	22	0	$38675_1 = \chi_{31}, \varphi_{29}$
	23	0	$46410_1 = \chi_{32}, \varphi_{30}$
	24	0	$48620_1 = \chi_{33}, \varphi_{31}$
	25	0	$62832_1 = \chi_{34}, \varphi_{32}$
	26	0	$65637_1 = \chi_{35}, \varphi_{33}$
	27	0	$68068_1 = \chi_{36}, \varphi_{34}$
	28	0	$70720_1 = \chi_{37}, \varphi_{35}$
	29	0	$74256_1 = \chi_{38}, \varphi_{36}$
	30	0	$85085_1 = \chi_{39}, \varphi_{37}$
	31	0	$87516_1 = \chi_{40}, \varphi_{38}$
	32	0	$116688_1 = \chi_{41}, \varphi_{39}$
	33	0	$116688_2 = \chi_{42}, \varphi_{40}$
	34	0	$121550_1 = \chi_{43}, \varphi_{41}$
	35	0	$123760_1 = \chi_{44}, \varphi_{42}$
	36	0	$123760_2 = \chi_{45}, \varphi_{43}$
	37	0	$129948_1 = \chi_{46}, \varphi_{44}$
	38	0	$129948_2 = \chi_{47}, \varphi_{45}$
	39	0	$134640_1 = \chi_{48}, \varphi_{46}$
	40	0	$136136_1 = \chi_{49}, \varphi_{47}$

	blocks	defect	matrix
	41	0	$145860_1 = \chi_{50}, \varphi_{48}$
	42	0	$148512_1 = \chi_{51}, \varphi_{49}$
	43	0	$148512_2 = \chi_{52}, \varphi_{50}$
	44	0	$155584_1 = \chi_{53}, \varphi_{51}$
	45	0	$157080_1 = \chi_{54}, \varphi_{52}$
	46	0	$159120_1 = \chi_{55}, \varphi_{53}$
	47	0	$170170_1 = \chi_{56}, \varphi_{54}$
	48	0	$194480_1 = \chi_{57}, \varphi_{55}$
	49	0	$204204_1 = \chi_{58}, \varphi_{56}$
	50	0	$205632_1 = \chi_{59}, \varphi_{57}$
	51	0	$209440_1 = \chi_{60}, \varphi_{58}$
	52	0	$233376_1 = \chi_{61}, \varphi_{59}$
	53	0	$238238_1 = \chi_{62}, \varphi_{60}$
	54	0	$243100_1 = \chi_{63}, \varphi_{61}$
	55	0	$247520_1 = \chi_{64}, \varphi_{62}$
	56	0	$259896_1 = \chi_{65}, \varphi_{63}$
	57	0	$272272_1 = \chi_{66}, \varphi_{64}$
	58	0	$272272_2 = \chi_{67}, \varphi_{65}$
	59	0	$272272_3 = \chi_{68}, \varphi_{66}$
	60	0	$272272_4 = \chi_{69}, \varphi_{67}$
	61	0	$291720_1 = \chi_{70}, \varphi_{68}$
	62	0	$318240_1 = \chi_{71}, \varphi_{69}$
	63	0	$327250_1 = \chi_{72}, \varphi_{70}$
	64	0	$333200_1 = \chi_{73}, \varphi_{71}$
	65	0	$340340_1 = \chi_{74}, \varphi_{72}$
	66	0	$340340_2 = \chi_{75}, \varphi_{73}$
	67	0	$346528_1 = \chi_{76}, \varphi_{74}$
	68	0	$353600_1 = \chi_{77}, \varphi_{75}$
	69	0	$364650_1 = \chi_{78}, \varphi_{76}$
	70	0	$388960_1 = \chi_{79}, \varphi_{77}$
	71	0	$399840_1 = \chi_{80}, \varphi_{78}$
	72	0	$408408_1 = \chi_{81}, \varphi_{79}$
	73	0	$433160_1 = \chi_{82}, \varphi_{80}$
	74	0	$466752_1 = \chi_{83}, \varphi_{81}$
	75	0	$486200_1 = \chi_{84}, \varphi_{82}$
	76	0	$523600_1 = \chi_{85}, \varphi_{83}$
	77	0	$544544_1 = \chi_{86}, \varphi_{84}$
	78	0	$556920_1 = \chi_{87}, \varphi_{85}$
	79	0	$565488_1 = \chi_{88}, \varphi_{86}$
	80	0	$583440_1 = \chi_{89}, \varphi_{87}$

	blocks	defect	matrix
	81	0	$583440_2 = \chi_{90}, \varphi_{88}$
	82	0	$586432_1 = \chi_{91}, \varphi_{89}$
	83	0	$618800_1 = \chi_{92}, \varphi_{90}$
	84	0	$618800_2 = \chi_{93}, \varphi_{91}$
	85	0	$631125_1 = \chi_{94}, \varphi_{92}$
	$86 = \overline{85}$	0	$631125_2 = \chi_{95}, \varphi_{93}$
	87	0	$680680_1 = \chi_{96}, \varphi_{94}$
	88	0	$680680_2 = \chi_{97}, \varphi_{95}$
	89	0	$700128_1 = \chi_{98}, \varphi_{96}$
	90	0	$729300_1 = \chi_{99}, \varphi_{97}$
	$91 = \overline{90}$	0	$729300_2 = \chi_{100}, \varphi_{98}$
	92	0	$742560_1 = \chi_{101}, \varphi_{99}$
	93	0	$749700_1 = \chi_{102}, \varphi_{100}$
	94	0	$765765_1 = \chi_{103}, \varphi_{101}$
	$95 = \overline{94}$	0	$765765_2 = \chi_{104}, \varphi_{102}$
	96	0	$816816_1 = \chi_{105}, \varphi_{103}$
	97	0	$848640_1 = \chi_{106}, \varphi_{104}$
	98	0	$850850_1 = \chi_{107}, \varphi_{105}$
	99	0	$891072_1 = \chi_{108}, \varphi_{106}$
	100	0	$908820_1 = \chi_{109}, \varphi_{107}$
	101	0	$918918_1 = \chi_{110}, \varphi_{108}$
	102	0	$952952_1 = \chi_{111}, \varphi_{109}$
	103	0	$972400_1 = \chi_{112}, \varphi_{110}$
	104	0	$972400_2 = \chi_{113}, \varphi_{111}$
	105	0	$1021020_1 = \chi_{114}, \varphi_{112}$
	106	0	$1047200_1 = \chi_{115}, \varphi_{113}$
	107	0	$1050192_1 = \chi_{116}, \varphi_{114}$
	108	0	$1082900_1 = \chi_{117}, \varphi_{115}$
	109	0	$1082900_2 = \chi_{118}, \varphi_{116}$
	110	0	$1089088_1 = \chi_{119}, \varphi_{117}$
	111	0	$1089088_2 = \chi_{120}, \varphi_{118}$
	112	0	$1089088_3 = \chi_{121}, \varphi_{119}$
	113	0	$1113840_1 = \chi_{122}, \varphi_{120}$
	114	0	$1299480_1 = \chi_{123}, \varphi_{121}$
	115	0	$1326000_1 = \chi_{124}, \varphi_{122}$
	116	0	$1336608_1 = \chi_{125}, \varphi_{123}$
	117	0	$1361360_1 = \chi_{126}, \varphi_{124}$
	118	0	$1361360_2 = \chi_{127}, \varphi_{125}$
	119	0	$1361360_3 = \chi_{128}, \varphi_{126}$
	120	0	$1361360_4 = \chi_{129}, \varphi_{127}$

	blocks	defect	matrix
	121	0	1429428 ₁ = $\chi_{130}, \varphi_{128}$
	122	0	1454112 ₁ = $\chi_{131}, \varphi_{129}$
	123	0	1485120 ₁ = $\chi_{132}, \varphi_{130}$
	124	0	1570800 ₁ = $\chi_{133}, \varphi_{131}$
	125	0	1591200 ₁ = $\chi_{134}, \varphi_{132}$
	126	0	1633632 ₁ = $\chi_{135}, \varphi_{133}$
	127	0	1633632 ₂ = $\chi_{136}, \varphi_{134}$
	128	0	1701700 ₁ = $\chi_{137}, \varphi_{135}$
	129	0	1701700 ₂ = $\chi_{138}, \varphi_{136}$
	130	0	1750320 ₁ = $\chi_{139}, \varphi_{137}$
	131	0	1750320 ₂ = $\chi_{140}, \varphi_{138}$
	132	0	1832600 ₁ = $\chi_{141}, \varphi_{139}$
	133	0	1905904 ₁ = $\chi_{142}, \varphi_{140}$
	134	0	2165800 ₁ = $\chi_{143}, \varphi_{141}$
	135	0	2255526 ₁ = $\chi_{144}, \varphi_{142}$
	136	0	2362932 ₁ = $\chi_{145}, \varphi_{143}$
	137	0	2431000 ₁ = $\chi_{146}, \varphi_{144}$
	138	0	2436525 ₁ = $\chi_{147}, \varphi_{145}$
	139 = $\overline{138}$	0	2436525 ₂ = $\chi_{148}, \varphi_{146}$
	140	0	2450448 ₁ = $\chi_{149}, \varphi_{147}$
	141	0	2475200 ₁ = $\chi_{150}, \varphi_{148}$
	142	0	2552550 ₁ = $\chi_{151}, \varphi_{149}$
	143	0	2598960 ₁ = $\chi_{152}, \varphi_{150}$
	144	0	2722720 ₁ = $\chi_{153}, \varphi_{151}$
	145	0	2858856 ₁ = $\chi_{154}, \varphi_{152}$
	146	0	3573570 ₁ = $\chi_{155}, \varphi_{153}$
	147	0	3620864 ₁ = $\chi_{156}, \varphi_{154}$

Block 1:	φ_1	φ_2	φ_3	φ_5	φ_8	φ_{10}	φ_{14}	φ_{18}	
1 ₁ = χ_1	1	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
16 ₁ = χ_2	1	1	.	.	.	.	.	.	$\varphi_2 = 15_1$
120 ₁ = χ_4	.	1	1	.	.	.	.	.	$\varphi_3 = 105_1$
560 ₁ = χ_6	.	.	1	1	.	.	.	.	$\varphi_5 = 455_1$
1820 ₁ = χ_9	.	.	.	1	1	.	.	.	$\varphi_8 = 1365_1$
4368 ₁ = χ_{12}	1	1	.	.	$\varphi_{10} = 3003_1$
6435 ₁ = χ_{17}	1	$\varphi_{14} = 5005_1$
6435 ₂ = χ_{18}	1	$\varphi_{18} = 6435_1$
8008 ₁ = χ_{20}	1	1	.	
11440 ₁ = χ_{21}	1	1	