Co_3 (mod 11)

	blocks	defect	matrix
$G:$	1	1	7×5
	2	1	7×5
	3	0	$253_1 = \chi_3, \varphi_3$
	4	0	$253_2 = \chi_4, \varphi_4$
	5	0	$275_1 = \chi_5, \varphi_5$
	6	0	$1771_1 = \chi_8, \varphi_7$
	7	0	$2024_1 = \chi_9, \varphi_8$
	8	0	$3520_1 = \chi_{10}, \varphi_9$
	$9 = \overline{8}$	0	$3520_2 = \chi_{11}, \varphi_{10}$
	10	0	$5544_1 = \chi_{13}, \varphi_{12}$
	11	0	$7084_1 = \chi_{14}, \varphi_{13}$
	12	0	$8855_1 = \chi_{15}, \varphi_{14}$
	13	0	$9625_1 = \chi_{16}, \varphi_{15}$
	$14 = \overline{13}$	0	$9625_2 = \chi_{17}, \varphi_{16}$
	15	0	$31625_1 = \chi_{22}, \varphi_{21}$
	16	0	$31625_2 = \chi_{23}, \varphi_{22}$
	17	0	$31625_3 = \chi_{24}, \varphi_{23}$
	18	0	$31878_1 = \chi_{25}, \varphi_{24}$
	19	0	$63250_1 = \chi_{28}, \varphi_{26}$
	20	0	$80960_1 = \chi_{30}, \varphi_{28}$
	21	0	$129536_1 = \chi_{33}, \varphi_{29}$
	22	0	$129536_2 = \chi_{34}, \varphi_{30}$
	23	0	$177100_1 = \chi_{35}, \varphi_{31}$
	24	0	$184437_1 = \chi_{36}, \varphi_{32}$
	25	0	$221375_1 = \chi_{37}, \varphi_{33}$
	26	0	$226688_1 = \chi_{38}, \varphi_{34}$
	27	0	$246400_1 = \chi_{39}, \varphi_{35}$
	28	0	$249480_1 = \chi_{40}, \varphi_{36}$
	29	0	$253000_1 = \chi_{41}, \varphi_{37}$
	30	0	$255024_1 = \chi_{42}, \varphi_{38}$

Block 1:	φ_1	φ_6	φ_{19}	φ_{20}	φ_{27}
$1_1 = \chi_1$	1	.	.	.	.
$896_1 = \chi_6$	.	1	.	.	.
$896_2 = \chi_7$	.	1	.	.	.
$23000_1 = \chi_{20}$	1	.	1	.	.
$26082_1 = \chi_{21}$	.	1	.	1	.
$91125_1 = \chi_{31}$	.	.	1	.	1
$93312_1 = \chi_{32}$	.	.	.	1	1

$\varphi_1 = 1_1$
$\varphi_6 = 896_1$
$\varphi_{19} = 22999_1$
$\varphi_{20} = 25186_1$
$\varphi_{27} = 68126_1$

Block 2:	φ_2	φ_{11}	φ_{17}	φ_{18}	φ_{25}
$23_1 = \chi_2$	1	.	.	.	.
$4025_1 = \chi_{12}$	1	1	.	.	.
$20608_1 = \chi_{18}$	.	.	.	1	.
$20608_2 = \chi_{19}$	.	.	.	1	.
$40250_1 = \chi_{26}$	.	.	1	1	.
$57960_1 = \chi_{27}$	.	1	.	.	1
$73600_1 = \chi_{29}$	.	.	1	.	1

$\varphi_2 = 23_1$
$\varphi_{11} = 4002_1$
$\varphi_{17} = 19642_1$
$\varphi_{18} = 20608_1$
$\varphi_{25} = 53958_1$