$S_4(4).2$ (mod 17)

	blocks	defect	matrix
$G:$	1	1	10×8
	2	0	$34_1 = \chi_{3,0}, \varphi_{3,0}$
	3	0	$34_2 = \chi_{3,1}, \varphi_{3,1}$
	4	0	$34_3 = \chi_{4,0}, \varphi_{4,0}$
	5	0	$34_4 = \chi_{4,1}, \varphi_{4,1}$
	6	0	$102_1 = \chi_{6+}, \varphi_{6+}$
	7	0	$102_2 = \chi_{8+}, \varphi_{8+}$
	8	0	$85_1 = \chi_{10,0}, \varphi_{10,0}$
	9	0	$85_2 = \chi_{10,1}, \varphi_{10,1}$
	10	0	$85_3 = \chi_{11,0}, \varphi_{11,0}$
	11	0	$85_4 = \chi_{11,1}, \varphi_{11,1}$

	blocks	defect	matrix
	12	0	$153_1 = \chi_{12,0}, \varphi_{12,0}$
	13	0	$153_2 = \chi_{12,1}, \varphi_{12,1}$
	14	0	$408_1 = \chi_{13+}, \varphi_{13+}$
	15	0	$408_2 = \chi_{15+}, \varphi_{15+}$
	16	0	$510_1 = \chi_{21+}, \varphi_{18+}$
	17	0	$510_2 = \chi_{23+}, \varphi_{20+}$
	18	0	$340_1 = \chi_{26,0}, \varphi_{22,0}$
	19	0	$340_2 = \chi_{26,1}, \varphi_{22,1}$
	20	0	$340_3 = \chi_{27,0}, \varphi_{23,0}$
	21	0	$340_4 = \chi_{27,1}, \varphi_{23,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.
$18_1 = \chi_{2,0}$	.	.	1	.	.	.	.	.
$18_2 = \chi_{2,1}$	.	.	.	1	.	.	.	.
$50_1 = \chi_{5,0}$	1	.	.	.	1	.	.	.
$50_2 = \chi_{5,1}$	.	1	.	.	.	1	.	.
$450_1 = \chi_{17+}$	.	.	1	1	.	.	1	1
$450_2 = \chi_{19+}$	.	.	1	1	.	.	1	1
$256_1 = \chi_{25,0}$	.	.	.	.	1	.	1	.
$256_2 = \chi_{25,1}$	.	.	.	.	.	1	.	1

$\varphi_{1,0} = 1_1$
$\varphi_{1,1} = 1_2$
$\varphi_{2,0} = 18_1$
$\varphi_{2,1} = 18_2$
$\varphi_{5,0} = 49_1$
$\varphi_{5,1} = 49_2$
$\varphi_{17,0} = 207_1$
$\varphi_{17,1} = 207_2$