$R(27).3 \pmod 3$

	blocks	defect	matrix
$G:$	1 2	10 1	38×10 3×1

Block 1:	$\varphi_{1,0}$	φ_{2+}	φ_{5+}	φ_{8+}	φ_{11+}	φ_{14+}	$\varphi_{17,0}$	φ_{18+}	φ_{21+}	φ_{24+}
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	1	.	.	.	.	.	.	.	.	.
$703_1 = \chi_{2,0}$	3	3	.	2	.	.	1	.	.	.
$703_2 = \chi_{2,1}$	3	3	.	2	.	.	1	.	.	.
$703_3 = \chi_{2,2}$	3	3	.	2	.	.	1	.	.	.
$741_1 = \chi_{3,0}$	2	1	1	2	.	.	1	.	.	.
$741_2 = \chi_{3,1}$	2	1	1	2	.	.	1	.	.	.
$741_3 = \chi_{3,2}$	2	1	1	2	.	.	1	.	.	.
$741_4 = \chi_{4,0}$	2	1	1	2	.	.	1	.	.	.
$741_5 = \chi_{4,1}$	2	1	1	2	.	.	1	.	.	.
$741_6 = \chi_{4,2}$	2	1	1	2	.	.	1	.	.	.
$1443_1 = \chi_{5,0}$	1	2	.	1	1	.	2	.	.	.
$1443_2 = \chi_{5,1}$	1	2	.	1	1	.	2	.	.	.
$1443_3 = \chi_{5,2}$	1	2	.	1	1	.	2	.	.	.
$1443_4 = \chi_{6,0}$	1	2	.	1	1	.	2	.	.	.
$1443_5 = \chi_{6,1}$	1	2	.	1	1	.	2	.	.	.
$1443_6 = \chi_{6,2}$	1	2	.	1	1	.	2	.	.	.
$2184_1 = \chi_{7,0}$	3	3	1	3	1	.	3	.	.	.
$2184_2 = \chi_{7,1}$	3	3	1	3	1	.	3	.	.	.
$2184_3 = \chi_{7,2}$	3	3	1	3	1	.	3	.	.	.
$2184_4 = \chi_{8,0}$	3	3	1	3	1	.	3	.	.	.
$2184_5 = \chi_{8,1}$	3	3	1	3	1	.	3	.	.	.
$2184_6 = \chi_{8,2}$	3	3	1	3	1	.	3	.	.	.
$41496_1 = \chi_{9+}$	27	41	10	28	4	5	15	1	2	1
$41496_2 = \chi_{12+}$	36	57	13	37	8	7	21	1	4	.
$18278_1 = \chi_{15,0}$	19	19	7	17	2	2	7	1	2	.
$18278_2 = \chi_{15,1}$	19	19	7	17	2	2	7	1	2	.
$18278_3 = \chi_{15,2}$	19	19	7	17	2	2	7	1	2	.
$54834_1 = \chi_{16+}$	36	66	12	39	8	8	24	1	3	1
$18981_1 = \chi_{19,0}$	15	27	6	16	4	4	9	.	2	.
$18981_2 = \chi_{19,1}$	15	27	6	16	4	4	9	.	2	.
$18981_3 = \chi_{19,2}$	15	27	6	16	4	4	9	.	2	.
$59052_1 = \chi_{21+}$	54	72	20	52	10	9	27	2	6	.
$59052_2 = \chi_{24+}$	45	62	17	46	5	7	21	2	4	1
$59052_3 = \chi_{27+}$	36	69	13	39	8	10	21	1	4	1
$59052_4 = \chi_{30+}$	39	72	14	44	10	8	30	1	3	1
$80808_1 = \chi_{33+}$	60	95	22	62	11	12	33	2	6	1

$$
\begin{array}{rcl}
\varphi_{1,0} & = & 1_1 \\
\varphi_{2+} & = & 21_1 \\
\varphi_{5+} & = & 81_1 \\
\varphi_{8+} & = & 147_1 \\
\varphi_{11+} & = & 567_1
\end{array}
\qquad
\begin{array}{rcl}
\varphi_{14+} & = & 567_2 \\
\varphi_{17,0} & = & 343_1 \\
\varphi_{18+} & = & 2187_1 \\
\varphi_{21+} & = & 3969_1 \\
\varphi_{24+} & = & 15309_1
\end{array}
$$

Block 2:	$\varphi_{27,0}$
$19683_1 = \chi_{20,0}$	1
$19683_2 = \chi_{20,1}$	1
$19683_3 = \chi_{20,2}$	1

$$\varphi_{27,0} = 19683_1$$