

$${}^3D_4(2) \pmod{2}$$

	blocks	defect	matrix
$G :$	1 2	12 0	34×15 $4096_1 = \chi_{34}, \varphi_{16}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{15}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$26_1 = \chi_2$	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$52_1 = \chi_3$	2	1	1	1	1	.	.	.	.	.	.	.	.	.	.
$196_1 = \chi_4$	2	1	1	1	1	1	1	1	.	.	.	.	.	.	.
$273_1 = \chi_5$	1	.	.	.	1	.	.	.	.	.	.	1	.	.	.
$324_1 = \chi_6$	2	1	1	1	2	.	.	.	.	.	.	1	.	.	.
$351_1 = \chi_7$	3	1	3	1	2	1	1	.	.	.	1	.	.	.	.
$351_2 = \chi_8$	3	1	1	3	2	.	1	1	1	.	.	.	.	.	.
$351_3 = \chi_9$	3	3	1	1	2	1	.	1	.	1	.	.	.	.	.
$468_1 = \chi_{10}$	2	1	1	1	2	1	1	1	.	.	.	1	.	.	.
$637_1 = \chi_{11}$	5	2	2	2	4	.	.	.	1	1	1	.	.	.	.
$1053_1 = \chi_{12}$	5	2	2	2	5	1	1	1	1	1	1	1	.	.	.
$1274_1 = \chi_{13}$	8	4	4	4	6	2	2	2	1	1	1	1	.	.	.
$1664_1 = \chi_{14}$	10	4	4	4	8	1	1	1	2	2	2	1	.	.	.
$1911_1 = \chi_{15}$	7	1	5	3	5	1	2	1	1	.	2	1	.	1	.
$1911_2 = \chi_{16}$	7	3	1	5	5	1	1	2	2	1	.	1	.	.	1
$1911_3 = \chi_{17}$	7	5	3	1	5	2	1	1	.	2	1	1	1	.	.
$2106_1 = \chi_{18}$	8	2	5	3	6	1	2	1	1	1	2	1	.	1	.
$2106_2 = \chi_{19}$	8	3	2	5	6	1	1	2	2	1	1	1	.	.	1
$2106_3 = \chi_{20}$	8	5	3	2	6	2	1	1	1	2	1	1	1	.	.
$2184_1 = \chi_{21}$	14	6	6	6	11	2	2	2	2	2	2	2	.	.	.
$2457_1 = \chi_{22}$	11	3	8	4	8	2	3	1	1	1	3	1	.	1	.
$2457_2 = \chi_{23}$	11	4	3	8	8	1	2	3	3	1	1	1	.	.	1
$2457_3 = \chi_{24}$	11	8	4	3	8	3	1	2	1	3	1	1	1	.	.
$2808_1 = \chi_{25}$	8	2	2	5	5	.	1	2	2	1	1	1	.	1	1
$2808_2 = \chi_{26}$	8	5	2	2	5	2	.	1	1	2	1	1	1	.	1
$2808_3 = \chi_{27}$	8	2	5	2	5	1	2	.	1	1	2	1	1	1	.
$3822_1 = \chi_{28}$	14	8	4	6	10	3	2	3	2	3	1	2	1	.	1
$3822_2 = \chi_{29}$	14	6	8	4	10	3	3	2	1	2	3	2	1	1	.
$3822_3 = \chi_{30}$	14	4	6	8	10	2	3	3	3	1	2	2	.	1	1
$3969_1 = \chi_{31}$	15	6	10	3	11	3	3	1	1	2	4	2	1	1	.
$3969_2 = \chi_{32}$	15	3	6	10	11	1	3	3	4	1	2	2	.	1	1
$3969_3 = \chi_{33}$	15	10	3	6	11	3	1	3	2	4	1	2	1	.	1
$5096_1 = \chi_{35}$	18	7	7	7	13	2	2	2	3	3	3	2	1	1	1

φ_1	$=$	1_1	φ_9	$=$	160_1
φ_2	$=$	8_1	φ_{10}	$=$	160_2
φ_3	$=$	8_2	φ_{11}	$=$	160_3
φ_4	$=$	8_3	φ_{12}	$=$	246_1
φ_5	$=$	26_1	φ_{13}	$=$	784_1
φ_6	$=$	48_1	φ_{14}	$=$	784_2
φ_7	$=$	48_2	φ_{15}	$=$	784_3
φ_8	$=$	48_3			