A_{10} (mod 2)

	blocks	defect	matrix
$2.G:$	1	8	28×7
	2	3	7×3
	3	1	2×1
	4	1	2×1

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_9	φ_{10}
$1_1 = \chi_1$	1	.	.	.	.	.	.
$9_1 = \chi_2$	1	1	.	.	.	.	.
$35_1 = \chi_3$	1	1	.	1	.	.	.
$36_1 = \chi_4$	2	1	.	1	.	.	.
$42_1 = \chi_5$	.	.	1	1	.	.	.
$75_1 = \chi_6$	1	.	.	1	1	.	.
$84_1 = \chi_7$	2	1	.	1	1	.	.
$90_1 = \chi_8$	.	.	1	1	1	.	.
$126_1 = \chi_9$	2	1	1	2	1	.	.
$210_1 = \chi_{11}$	2	1	.	.	.	.	1
$225_1 = \chi_{14}$	1	.	.	1	.	1	.
$252_1 = \chi_{15}$	2	1	1	1	.	.	1
$300_1 = \chi_{17}$	2	1	1	1	1	.	1
$315_1 = \chi_{18}$	1	.	1	2	1	1	.
$350_1 = \chi_{19}$	2	1	1	3	1	1	.
$450_1 = \chi_{22}$	2	1	1	1	.	1	1
$525_1 = \chi_{23}$	3	1	1	2	1	1	1
$567_1 = \chi_{24}$	3	1	2	3	1	1	1
$16_1 = \chi_{25}$	.	.	1	.	.	.	.
$48_1 = \chi_{26}$	.	.	.	.	1	.	.
$48_2 = \chi_{27}$	.	.	.	.	1	.	.
$216_1 = \chi_{30}$	.	.	1	.	.	.	1
$216_2 = \chi_{31}$	.	.	1	.	.	.	1
$336_1 = \chi_{32}$	4	2	1	2	1	.	1
$336_2 = \chi_{33}$	4	2	1	2	1	.	1
$400_1 = \chi_{36}$	2	.	.	.	.	1	1
$432_1 = \chi_{37}$	2	.	2	4	2	1	.
$800_1 = \chi_{39}$	4	2	2	4	1	2	1

$\varphi_1 = 1_1$
$\varphi_2 = 8_1$
$\varphi_3 = 16_1$
$\varphi_4 = 26_1$
$\varphi_5 = 48_1$
$\varphi_9 = 198_1$
$\varphi_{10} = 200_1$

Block 2:	φ_6	φ_7	φ_8
$160_1 = \chi_{10}$	.	.	1
$224_1 = \chi_{12}$	1	.	1
$224_2 = \chi_{13}$	.	1	1
$288_1 = \chi_{16}$	1	1	1
$64_1 = \chi_{28}$	.	1	.
$64_2 = \chi_{29}$	1	.	.
$448_1 = \chi_{38}$	1	1	2

$$\begin{aligned} \varphi_6 &= 64_1 \\ \varphi_7 &= 64_2 \\ \varphi_8 &= 160_1 \end{aligned}$$

Block 3:	φ_{11}
$384_1 = \chi_{20}$	1
$384_3 = \chi_{34}$	1

$$\varphi_{11} = 384_1$$

Block 4:	φ_{12}
$384_2 = \chi_{21}$	1
$384_4 = \chi_{35}$	1

$$\varphi_{12} = 384_2$$