

Character Tables **of Multiplicity-Free Endomorphism Rings**

$G = 2.M_{12}$ (no. 5)
 $H = 3^2.2.S_4 \rightarrow (M_{12}, 11)$
rank: 7
degree: 440

	O_1	O_2	O_3	O_4	O_5	O_6	O_7
$1a$	1	1	24	54	72	72	216
$11a$	1	1	-8	30	-24	-24	24
$54a$	1	1	2	10	6	6	-26
$55a$	1	1	10	-6	-6	-6	6
$99a$	1	1	-6	-6	2	2	6
$110a$	1	-1	0	0	-6i2	6i2	0
$110b$	1	-1	0	0	6i2	-6i2	0

i2 = $Sqrt(-2)$

References

[Lin] S. A. Linton. private communication.