

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{12}$ (no. 12)

$H = 3^2 : 2.A_4 < 3^2.2.S_4$

rank: 8

degree: 440

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a$	1	1	24	27	27	72	72	216
$11a$	1	1	-8	15	15	-24	-24	24
$45a$	1	-1	0	3	-3	16	-16	0
$54a$	1	1	2	5	5	6	6	-26
$55a$	1	1	10	-3	-3	-6	-6	6
$55c$	1	-1	0	-9	9	0	0	0
$99a$	1	1	-6	-3	-3	2	2	6
$120a$	1	-1	0	3	-3	-6	6	0

References

- [Höh01] I. Höhler. Vielfachheitsfreie Permutationsdarstellungen und die Invarianten zugehöriger Graphen. Examensarbeit, RWTH Aachen, 2001.