

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{12}$ (no. 11)

$H = 3^2.2.S_4$

rank: 5

degree: 220

	O_1	O_2	O_3	O_4	O_5
$1a$	1	12	27	72	108
$11a$	1	-4	15	-24	12
$54a$	1	1	5	6	-13
$55a$	1	5	-3	-6	3
$99a$	1	-3	-3	2	3

References

[PS97] C. E. Praeger and L. H. Soicher. *Low rank representations and graphs for sporadic groups*, volume 8 of *Australian Mathematical Society Lecture Series*. Cambridge University Press, Cambridge, 1997.