

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{22}$ (no. 7)

$H = 2^3 : L_3(2)$

rank: 5

degree: 330

	O_1	O_2	O_3	O_4	O_5
$1a$	1	7	42	112	168
$21a$	1	-4	9	24	-30
$55a$	1	4	9	-8	-6
$99a$	1	-3	2	-8	8
$154a$	1	1	-6	4	0

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.