

Character Tables of Multiplicity-Free Endomorphism Rings

$$G = M_{22} \text{ (no. 6)}$$

$$H = 2^4 : S_5$$

$$\text{rank: } 4$$

$$\text{degree: } 231$$

	O_1	O_2	O_3	O_4
$1a$	1	30	40	160
$21a$	1	-3	18	-16
$55a$	1	9	-2	-8
$154a$	1	-3	-2	4

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.