

Character Tables of Multiplicity-Free Endomorphism Rings

$$G = 2.M_{22} \text{ (no. 3)}$$

$$H = A_7 \rightarrow (M_{22}, 5)$$

$$\text{rank: } 5$$

$$\text{degree: } 352$$

	O_1	O_2	O_3	O_4	O_5
$1a$	1	1	105	105	140
$21a$	1	1	17	17	-36
$154a$	1	1	-3	-3	4
$56a$	1	-1	15	-15	0
$120a$	1	-1	-7	7	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.