

Character Tables of Multiplicity-Free Endomorphism Rings

$$G = J_2.2 \text{ (no. 6)}$$

$$H = 2_-^{1+4} : S_5$$

$$\text{rank: } 5$$

$$\text{degree: } 315$$

	O_1	O_2	O_3	O_4	O_5
$1a^+$	1	10	64	80	160
$14ab$	1	-5	4	20	-20
$36a^+$	1	5	-16	10	0
$90a^+$	1	3	8	-4	-8
$160a^+$	1	-2	-2	-4	7

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.