

Character Tables of Multiplicity-Free Endomorphism Rings

$G = 2.M_{12}.2$ (no. 1)
 $H = M_{11} \rightarrow (M_{12}.2, 1)$
rank: 5
degree: 48

	O_1	O_2	O_3	O_4	O_5
$1a^+$	1	1	12	12	22
$1a^-$	1	1	-12	-12	22
$11ab$	1	1	0	0	-2
$12a^+$	1	-1	2r3	-2r3	0
$12a^-$	1	-1	-2r3	2r3	0

r3 = $Sqrt(3)$

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.