

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{12}.2$ (no. 4)

$H = A_6.2_2 < A_6.2^2$

rank: 7

degree: 264

	O_1	O_2	O_3	O_4	O_5	O_6	O_7
$1a^+$	1	1	36	36	40	60	90
$1a^-$	1	1	-36	-36	40	-60	90
$11ab$	1	1	0	0	16	0	-18
$54a^+$	1	1	2r5	2r5	-4	-4r5	2
$54a^-$	1	1	-2r5	-2r5	-4	4r5	2
$66a^+$	1	-1	-6	6	0	0	0
$66a^-$	1	-1	6	-6	0	0	0

$r5 = Sqrt(5)$

References

[Höh01] I. Höhler. Vielfachheitsfreie Permutationsdarstellungen und die Invarianten zugehöriger Graphen. Examensarbeit, RWTH Aachen, 2001.