

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{12}.2$ (no. 10)

$H = M_8.(S_4 \times 2)$

rank: 8

degree: 495

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a^+$	1	6	16	24	64	96	96	192
$11ab$	1	-3	-8	6	16	-12	24	-24
$54a^+$	1	2-r5	2+2r5	1-3r5	6+2r5	8	-6+2r5	-14-2r5
$54a^-$	1	2+r5	2-2r5	1+3r5	6-2r5	8	-6-2r5	-14+2r5
$55a^+$	1	-3	4	6	4	-12	-12	12
$66a^+$	1	3	4	0	-8	-12	12	0
$99a^-$	1	1	-4	-6	4	-4	-4	12
$144a^+$	1	-2	-1	0	-8	8	2	0

r5 = $Sqrt(5)$

References

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