

Character Tables of Multiplicity-Free Endomorphism Rings

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

$H = 4^2 : D_{12}.2$

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
$16ab$	1	-3	7	6	10	-21	-12	12
$45a^-$	1	-3	-4	6	-12	12	-12	12
$54a^+$	1	2-r5	2+2r5	1-3r5	-10-2r5	-6+2r5	8	2+2r5
$54a^-$	1	2+r5	2-2r5	1+3r5	-10+2r5	-6-2r5	8	2-2r5
$66a^+$	1	3	4	0	4	12	-12	-12
$99a^-$	1	1	-4	-6	4	-4	-4	12
$144a^+$	1	-2	-1	0	4	2	8	-12

r5 = $Sqrt(5)$

References

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