

Character Tables of Multiplicity-Free Endomorphism Rings

$G = HS.2$ (no. 7)

$H = L_3(4).2_3 < L_3(4).2^2$

rank: 9

degree: 2200

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9
$1a^+$	1	1	42	42	105	105	560	672	672
$22a^+$	1	1	12	12	-45	-45	160	-48	-48
$22a^-$	1	-1	-28	28	-35	35	0	-112	112
$77a^+$	1	1	22	22	5	5	-40	-8	-8
$77a^-$	1	-1	-18	18	15	-15	0	48	-48
$175a^+$	1	1	-2	-2	17	17	32	-32	-32
$231a^-$	1	-1	2	-2	15	-15	0	-32	32
$770a^-$	1	-1	2	-2	-5	5	0	8	-8
$825a^+$	1	1	-2	-2	-3	-3	-8	8	8

References

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