Character Tables of Multiplicity-Free Endomorphism Rings

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

$H = 3^{1+4} : 2S_5 < 3^{1+4} : 4S_5$

rank: 10

degree: 30800

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}
$1a^+$	1	1	90	90	1215	1215	2430	2430	11664	11664
$1a^-$	1	-1	90	-90	1215	-1215	2430	-2430	11664	-11664
$252a^+$	1	1	35	35	225	225	-45	-45	-216	-216
$252a^-$	1	-1	35	-35	225	-225	-45	45	-216	216
$4500a^+$	1	1	-1	-1	-3	-3	-69	-69	72	72
$4500a^-$	1	-1	-1	1	-3	3	-69	69	72	-72
$5103a^+$	1	1	10	10	-25	-25	30	30	-16	-16
$5103a^-$	1	-1	10	-10	-25	25	30	-30	-16	16
$5544a^+$	1	1	-10	-10	15	15	30	30	-36	-36
$5544a^-$	1	-1	-10	10	15	-15	30	-30	-36	36

References

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