

Character Tables of Multiplicity-Free Endomorphism Rings

$G = HN.2$ (no. 1)

$H = S_{12}$

rank: 10

degree: 1140000

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9
$1a^+$	1	462	5040	10395	16632	30800	69300	311850	332640
$133ab$	1	-198	0	2475	792	4400	-9900	-14850	0
$760a^+$	1	132	-1080	1485	-1188	1100	4950	0	-11880
$3344a^+$	1	12	240	495	1332	-2200	300	-900	-2160
$8910a^+$	1	82	480	515	-88	400	900	-1650	1280
$16929a^+$	1	62	-240	155	632	400	-300	1050	160
$35112ab$	1	-48	0	225	-108	-100	-150	900	0
$267520a^+$	1	12	60	-45	-18	50	-150	450	-540
$365750a^+$	1	-18	0	-45	72	80	180	-270	0
$406296a^+$	1	12	-40	5	-68	-100	-50	-200	360

	O_{10}
$1a^+$	362880
$133ab$	17280
$760a^+$	6480
$3344a^+$	2880
$8910a^+$	-1920
$16929a^+$	-1920
$35112ab$	-720
$267520a^+$	180
$365750a^+$	0
$406296a^+$	80

References

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