

Character Tables of Multiplicity-Free Endomorphism Rings

$G = M_{22}.2$ (no. 17)

$H = L_2(11) < L_2(11).2$

rank: 12

degree: 1344

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}	O_{11}	O_{12}
$1a^+$	1	1	55	55	55	55	66	66	165	165	330	330
$1a^-$	1	-1	-55	-55	55	55	-66	66	-165	165	-330	330
$21a^+$	1	-1	25	-15	-25	15	6	-6	-45	45	30	-30
$21a^-$	1	1	-25	15	-25	15	-6	-6	45	45	-30	-30
$55a^+$	1	1	13	13	13	13	-18	-18	-3	-3	-6	-6
$55a^-$	1	-1	-13	-13	13	13	18	-18	3	-3	6	-6
$154a^+$	1	1	7	-5	7	-5	6	6	9	9	-18	-18
$154a^-$	1	-1	-7	5	7	-5	-6	6	-9	9	18	-18
$210a^+$	1	-1	3	7	-3	-7	6	-6	-1	1	-14	14
$210a^-$	1	1	-3	-7	-3	-7	-6	-6	1	1	14	14
$231a^+$	1	-1	3	-5	-3	5	-6	6	11	-11	-2	2
$231a^-$	1	1	-3	5	-3	5	6	6	-11	-11	2	2

References

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