

Character Tables of Multiplicity-Free Endomorphism Rings

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

$H = L_3(7).2 < ON$

rank: 9

degree: 245520

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9
$1a^+$	1	456	5586	6384	11172	32928	52136	58653	78204
$1a^-$	1	-456	5586	6384	-11172	-32928	52136	58653	-78204
$10944a^+$	1	49	196	-106	238	-28	161	-252	-259
$10944a^-$	1	-49	196	-106	-238	28	161	-252	259
$26752a^+$	1	-21r2	-21	111	84r2	105r2	161	-252	-168r2
$26752a^-$	1	21r2	-21	111	-84r2	-105r2	161	-252	168r2
$32395ab$	1	0	42	48	0	0	-280	189	0
$52668a^+$	1	4r7	-56	-64	-26r7	80r7	56	63	-58r7
$52668a^-$	1	-4r7	-56	-64	26r7	-80r7	56	63	58r7

$r2 = Sqrt(2)$

$r7 = Sqrt(7)$

References

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