

Character Tables of Multiplicity-Free Endomorphism Rings

$G = Suz$ (no. 6)

$H = 2^{4+6} : 3A_6$

rank: 13

degree: 405405

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}
$1a$	1	60	480	1536	1920	6144	6144	20480	23040	23040
$364a$	1	-15	30	336	120	1104	-96	-1120	-2160	-360
$780a$	1	27	84	216	336	-192	864	1472	72	864
$1001a$	1	15	-60	-156	300	96	1104	-1120	-180	-720
$5940a$	1	21	90	-24	48	216	-96	-112	-360	576
$12012a$	1	-15	30	-96	120	96	-96	320	0	-360
$14300a$	1	-3	18	24	-96	264	96	-16	360	-144
$15795a$	1	7	-36	116	76	48	-96	112	172	-96
$25025a$	1	15	36	-12	12	-96	-48	-160	252	-144
$66560a$	1	6	0	6	-42	-24	24	128	-180	-144
$75075a$	1	-9	12	36	12	-48	0	-112	-36	0
$88452a$	1	-5	0	-16	-20	-24	24	40	40	120
$100100a$	1	3	-24	-24	12	24	-24	-40	0	72

	O_{11}	O_{12}	O_{13}
$1a$	46080	92160	184320
$364a$	2880	-5040	4320
$780a$	-1440	-2880	576
$1001a$	720	1440	-1440
$5940a$	-96	744	-1008
$12012a$	0	0	0
$14300a$	-288	-72	-144
$15795a$	240	240	-784
$25025a$	144	-288	288
$66560a$	9	144	72
$75075a$	-144	144	144
$88452a$	240	-120	-280
$100100a$	-144	-72	216

References

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