

Character Tables of Multiplicity-Free Endomorphism Rings

$G = Fi_{22}$ (no. 8)

$H = 2^6 : S_6(2)$

rank: 10

degree: 694980

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9
$1a$	1	135	1260	2304	8640	10080	45360	143360	241920
$429a$	1	-15	210	624	-960	1680	1260	8960	-1680
$1430a$	1	-27	126	-288	216	1008	-2268	-1792	6048
$3080a$	1	57	246	120	840	96	1368	-1408	120
$13650a$	1	3	-60	192	192	312	-576	-256	-960
$30030a$	1	21	30	-96	-168	240	180	-256	-672
$45045a$	1	27	36	0	0	-144	-432	512	0
$75075a$	1	-15	66	48	-96	-48	-36	-256	48
$205920a$	1	-9	0	-36	72	0	0	224	-252
$320320a$	1	3	-24	12	-24	-12	72	-112	228

	O_{10}
$1a$	241920
$429a$	-10080
$1430a$	-3024
$3080a$	-1440
$13650a$	1152
$30030a$	720
$45045a$	0
$75075a$	288
$205920a$	0
$320320a$	-144

References

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