

Character Tables of Multiplicity-Free Endomorphism Rings

$G = Fi_{22}$ (no. 9)

$H = {}^2F_4(2)'$

rank: 11

degree: 3592512

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a$	1	1755	11700	14976	83200	83200	140400	187200
$1001a$	1	-405	900	-576	-3200	-3200	-10800	14400
$1430a$	1	-189	1980	-576	5440	5440	4320	-7200
$13650a$	1	171	612	-864	832	832	1008	3456
$30030a$	1	99	540	576	-320	-320	-1440	-1440
$289575a$	1	75	-60	192	-128	-128	624	384
$400400a$	1	27	36	-144	-608	256	0	-288
$400400b$	1	27	36	-144	256	-608	0	-288
$579150a$	1	-21	132	96	64	64	-48	192
$675675a$	1	27	-108	0	256	256	-432	0
$1201200a$	1	-45	-36	0	-32	-32	144	0

	O_9	O_{10}	O_{11}
$1a$	374400	449280	2246400
$1001a$	-14400	17280	0
$1430a$	-14400	13824	-8640
$13650a$	3744	-576	-9216
$30030a$	2880	2304	-2880
$289575a$	-576	384	-768
$400400a$	-144	0	864
$400400b$	-144	0	864
$579150a$	-288	-960	768
$675675a$	0	0	0
$1201200a$	288	288	-576

References

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