

Character Tables of Multiplicity-Free Endomorphism Rings

$G = Fi_{22}.2$ (no. 16)

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

rank: 10

degree: 3592512

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a^+$	1	1755	11700	14976	140400	166400	187200	374400
$1001a^+$	1	-405	900	-576	-10800	-6400	14400	-14400
$1430a^+$	1	-189	1980	-576	4320	10880	-7200	-14400
$13650a^+$	1	171	612	-864	1008	1664	3456	3744
$30030a^+$	1	99	540	576	-1440	-640	-1440	2880
$289575a^-$	1	75	-60	192	624	-256	384	-576
$400400ab$	1	27	36	-144	0	-352	-288	-144
$579150a^+$	1	-21	132	96	-48	128	192	-288
$675675a^-$	1	27	-108	0	-432	512	0	0
$1201200a^-$	1	-45	-36	0	144	-64	0	288

	O_9	O_{10}
$1a^+$	449280	2246400
$1001a^+$	17280	0
$1430a^+$	13824	-8640
$13650a^+$	-576	-9216
$30030a^+$	2304	-2880
$289575a^-$	384	-768
$400400ab$	0	864
$579150a^+$	-960	768
$675675a^-$	0	0
$1201200a^-$	288	-576

References

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