

Character Tables of Multiplicity-Free Endomorphism Rings

$G = 2.Fi_{22}$ (no. 5)

$H = O_8^+(2) : 3 \rightarrow (Fi_{22}, 5)$

rank: 11

degree: 247104

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}
$1a$	1	1	1	1	3150	3150	22400	22400	22400	22400
$1001a$	1	1	-1	-1	-450	450	-800	800	-800	800
$3080a$	1	1	1	1	342	342	-64	-64	-64	-64
$10725a$	1	1	-1	-1	126	-126	-224	224	-224	224
$13650a$	1	1	1	1	-18	-18	224	224	224	224
$45045a$	1	1	1	1	-18	-18	-64	-64	-64	-64
$50050a$	1	1	-1	-1	-18	18	64	-64	64	-64
$13728a$	1	-1	-1	1	0	0	-280	-280	280	280
$13728b$	1	-1	1	-1	0	0	280	-280	-280	280
$48048b$	1	-1	-1	1	0	0	80	80	-80	-80
$48048c$	1	-1	1	-1	0	0	-80	80	80	-80

	O_{11}
$1a$	151200
$1001a$	0
$3080a$	-432
$10725a$	0
$13650a$	-864
$45045a$	288
$50050a$	0
$13728a$	0
$13728b$	0
$48048b$	0
$48048c$	0

References

[Lin] S. A. Linton. private communication.