

Character Tables **of Multiplicity-Free Endomorphism Rings**

$G = 2.M_{22}$ (no. 1)
 $H = 2^4 : A_5 \rightarrow (M_{22}, 3)$
rank: 8
degree: 924

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a$	1	1	10	96	96	120	120	480
$21a$	1	1	10	-36	-36	10	10	40
$55a$	1	1	10	12	12	-6	-6	-24
$154a$	1	1	-2	0	0	12	12	-24
$231a$	1	1	-2	0	0	-8	-8	16
$126a$	1	-1	0	-4i11	4i11	10	-10	0
$126b$	1	-1	0	4i11	-4i11	10	-10	0
$210b$	1	-1	0	0	0	-12	12	0

i11 = $Sqrt(-11)$

References

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