

Character Tables of Multiplicity-Free Endomorphism Rings

$$G = 3.F_{3+} \text{ (no. 1)}$$

$$H = Fi_{23} \rightarrow (F_{3+}, 1)$$

rank: 7

degree: 920808

	O_1	O_2	O_3	O_4	O_5	O_6	O_7
$1a$	1	1	1	31671	31671	31671	825792
$57477a$	1	1	1	351	351	351	-1056
$249458a$	1	1	1	-81	-81	-81	240
$783a$	1	$z3$	$z3^{**}$	3519	$3519z3$	$3519z3^{**}$	0
$783b$	1	$z3^{**}$	$z3$	3519	$3519z3^{**}$	$3519z3$	0
$306153a$	1	$z3$	$z3^{**}$	-9	$-9z3$	$-9z3^{**}$	0
$306153b$	1	$z3^{**}$	$z3$	-9	$-9z3^{**}$	$-9z3$	0

$$z3 = (-1 + \sqrt{-3})/2$$

$$z3^{**} = (-1 - \sqrt{-3})/2$$

References

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