

Character Tables of Multiplicity-Free Endomorphism Rings

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

$$H = G_2(4) \rightarrow (Suz, 1)$$

rank: 7

degree: 5346

	O_1	O_2	O_3	O_4	O_5	O_6	O_7
$1a$	1	1	1	416	416	416	4095
$780a$	1	1	1	20	20	20	-63
$1001a$	1	1	1	-16	-16	-16	45
$66a$	1	$z3$	$z3^{**}$	$104z3^{**}$	$104z3$	104	0
$66b$	1	$z3^{**}$	$z3$	$104z3$	$104z3^{**}$	104	0
$1716a$	1	$z3$	$z3^{**}$	$-4z3^{**}$	$-4z3$	-4	0
$1716b$	1	$z3^{**}$	$z3$	$-4z3$	$-4z3^{**}$	-4	0

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

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

References

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