

Character Tables of Multiplicity-Free Endomorphism Rings

$$G = {}^2F_4(2)'.2 \text{ (no. 5)}$$

$$H = 2.[2^9] : 5 < 2.[2^9] : 5 : 4$$

rank: 11

degree: 7020

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}	O_{11}
$1a^+$	1	1	1	1	40	320	2560	1024	1024	1024	1024
$27a^-$	1	-1	i	-i	0	0	0	256	-256	256i	-256i
$27b^-$	1	-1	-i	i	0	0	0	256	-256	-256i	256i
$78a^+$	1	1	1	1	-20	80	-320	64	64	64	64
$351a^+$	1	1	1	1	20	40	0	-16	-16	-16	-16
$351a^-$	1	1	-1	-1	0	0	0	64	64	-64	-64
$650a^+$	1	1	1	1	4	-40	-32	16	16	16	16
$675a^+$	1	1	1	1	-12	8	64	-16	-16	-16	-16
$702ab$	1	1	-1	-1	0	0	0	-16	-16	16	16
$1728a^+$	1	-1	-i	i	0	0	0	-4	4	4i	-4i
$1728a^-$	1	-1	i	-i	0	0	0	-4	4	-4i	4i

$$i = \text{Sqrt}(-1)$$