Character Tables of Multiplicity-Free Endomorphism Rings

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

$H = O_8^+(2) : S_3 \to (Fi_{22}.2, 5)$

rank: 10

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	2	3150	3150	22400	22400	44800	75600	75600
$1a^-$	1	1	-2	3150	-3150	22400	22400	-44800	75600	-75600
$3080a^+$	1	1	2	342	342	-64	-64	-128	-216	-216
$3080a^-$	1	1	-2	342	-342	-64	-64	128	-216	216
$13650a^+$	1	1	2	-18	-18	224	224	448	-432	-432
$13650a^-$	1	1	-2	-18	18	224	224	-448	-432	432
$45045a^+$	1	1	2	-18	-18	-64	-64	-128	144	144
$45045a^-$	1	1	-2	-18	18	-64	-64	128	144	-144
$13728ab$	1	-1	0	0	0	-280	280	0	0	0
$48048bc$	1	-1	0	0	0	80	-80	0	0	0

References

[Mül08] J. Müller. On the multiplicity-free actions of the sporadic simple groups. *J. Algebra*, 320:910–926, 2008.