

# Character Tables of Multiplicity-Free Endomorphism Rings

$G = HS.2$  (no. 6)

$H = L_3(4).2^2$

rank: 5

degree: 1100

|          | $O_1$ | $O_2$ | $O_3$ | $O_4$ | $O_5$ |
|----------|-------|-------|-------|-------|-------|
| $1a^+$   | 1     | 42    | 105   | 280   | 672   |
| $22a^+$  | 1     | 12    | -45   | 80    | -48   |
| $77a^+$  | 1     | 22    | 5     | -20   | -8    |
| $175a^+$ | 1     | -2    | 17    | 16    | -32   |
| $825a^+$ | 1     | -2    | -3    | -4    | 8     |

## References

[PS97] C. E. Praeger and L. H. Soicher. *Low rank representations and graphs for sporadic groups*, volume 8 of *Australian Mathematical Society Lecture Series*. Cambridge University Press, Cambridge, 1997.