

# Character Tables of Multiplicity-Free Endomorphism Rings

$G = McL.2$  (no. 2)

$H = U_4(3) < U_4(3).2_3$

rank: 6

degree: 550

|          | $O_1$ | $O_2$ | $O_3$ | $O_4$ | $O_5$ | $O_6$ |
|----------|-------|-------|-------|-------|-------|-------|
| $1a^+$   | 1     | 1     | 112   | 112   | 162   | 162   |
| $1a^-$   | 1     | -1    | -112  | 112   | 162   | -162  |
| $22a^+$  | 1     | 1     | -28   | -28   | 27    | 27    |
| $22a^-$  | 1     | -1    | 28    | -28   | 27    | -27   |
| $252a^+$ | 1     | 1     | 2     | 2     | -3    | -3    |
| $252a^-$ | 1     | -1    | -2    | 2     | -3    | 3     |

## References

- [Höh01] I. Höhler. Vielfachheitsfreie Permutationsdarstellungen und die Invarianten zugehöriger Graphen. Examensarbeit, RWTH Aachen, 2001.