

# Character Tables of Multiplicity-Free Endomorphism Rings

$G = \text{Suz}.2$  (no. 5)

$H = 3_2.U_4(3).2_3 < 3_2.U_4(3).2^2$

rank: 8

degree: 45760

|            | $O_1$ | $O_2$ | $O_3$ | $O_4$ | $O_5$ | $O_6$ | $O_7$ | $O_8$ |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|
| $1a^+$     | 1     | 1     | 486   | 486   | 560   | 8505  | 8505  | 27216 |
| $143a^+$   | 1     | -1    | -162  | 162   | 0     | 945   | -945  | 0     |
| $364a^+$   | 1     | 1     | -54   | -54   | 160   | 405   | 405   | -864  |
| $780a^+$   | 1     | 1     | 90    | 90    | -56   | 189   | 189   | -504  |
| $5940a^+$  | 1     | 1     | 18    | 18    | 40    | -75   | -75   | 72    |
| $10725a^+$ | 1     | -1    | -18   | 18    | 0     | -63   | 63    | 0     |
| $12012a^+$ | 1     | -1    | 18    | -18   | 0     | 45    | -45   | 0     |
| $15795a^+$ | 1     | 1     | -10   | -10   | -16   | 9     | 9     | 16    |

## References

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