
Hopf25

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Parallel sessions, Forum E

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Mapping Class Group Representations from Hopf Algebras: Examples

In a relatively recent volume of the “SpringerBriefs in Mathematical Physics” series, S. Lentner, S. N. Mierach, C. Schweigert, and the presenter have described how the so-called spaces of conformal blocks can be generalized to the so-called derived block spaces. In the present talk, we compute these block spaces in an explicit example, namely in the case of the Drinfeld double of the smallest nonabelian group, the symmetric group on three letters. The talk is based on joint work with the same authors.