



Oberseminar zur Algebra und Algebraischen Kombinatorik

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"Nichols algebras over groups"

For any group G and any G -graded G -module V there exists a canonical braided Hopf algebra called the Nichols algebra of V . In the talk, some known results on the structure theory of these algebras are recalled and the recent classification of those modules with finite-dimensional Nichols algebras is presented. The result, which was obtained in a joint work with Vendramin, is given in terms of decorated Dynkin diagrams. The proofs are based mainly on the Weyl groupoid of V .

Montag, 12.01.2015
ab 14:15 Uhr, Raum a410
Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

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und Diskrete Mathematik