



Oberseminar

zur

Algebra und Algebraischen Kombinatorik

PD Dr. Benjamin Sambale

(Leibniz Universität Hannover)

Character counting conjectures

For a finite group G and a prime p there are many so-called local-global conjectures, which predict the number of certain irreducible characters of G in terms of normalizers of p -subgroups. In this talk I introduce you to the most prominent conjectures due to McKay, Alperin and Dade. In the second part I show how the prime p can be replaced by a set of primes π . In this generality, Alperin's and Dade's conjecture were proven recently for π -separable groups by Navarro and myself.

Montag 08.11.2021

ab 14:15 Uhr, Raum a410

Alle Interessierten sind herzlich eingeladen.

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