



Oberseminar zur Algebra und Algebraischen Kombinatorik

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Donovan's conjecture and blocks with defect groups of 2-rank two

The defect group D of a p -block of a finite group is an important invariant. For example, given D , the numbers of irreducible characters and irreducible Brauer characters of the block can be bounded. According to a conjecture of Donovan, there are even only finitely many Morita equivalence classes of blocks with defect group D . If the p -rank of D , which is the rank of a maximal elementary abelian subgroup, is one, then this is true by results of Dade and Erdmann.

In this talk we will consider some families of 2-groups of 2-rank two and present results using reductions to quasisimple groups.

**Donnerstag 25.04.2019
ab 14:15 Uhr, Raum a410**

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

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