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Leibniz
Universität
Hannover

Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Dr. Yanjun Liu

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„Intersections of principal blocks of a finite group“

The block distributions of complex irreducible characters with respect to different primes have been recently investigated. Inspired by Bessenrodt and Zhang's result asserting that a finite group is nilpotent if and only if any two different principal blocks of the group intersect trivially, we investigate intersections of principal blocks of a finite group with respect to different primes. In particular, we investigate intersections of principal blocks of finite simple groups. In this way, we obtain two criteria for the solvability of finite groups.

Donnerstag, 22.06.2017

ab 14:15 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik