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Leibniz
Universität
Hannover

Oberseminar zur Algebra und Algebraischen Kombinatorik

Dr. Fabian Reimers
(TU München)

„Separating invariants of finite groups“

Separating invariants are subsets of the invariant ring (of an algebraic group G acting on an affine variety) that have the same capability of separating the orbits as the whole invariant ring.

In this talk we focus on finite groups and show how the existence of a separating set of small size, or a separating algebra which is a complete intersection, is related to the property of G being a reflection (or bireflection) group. Theorems of Serre, Dufresne, Kac-Watanabe and Gordeev about linear representations are extended to this setting of G -varieties.

Montag, 06.02.2017
ab 14:00 Uhr, Raum a410
Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik