



Oberseminar

Zahlentheorie und Arithmetische Geometrie

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"Gorenstein spherical Fano varieties"

A spherical variety is a normal irreducible variety equipped with an action of a connected reductive group containing an open orbit for a Borel subgroup. We show that Gorenstein spherical Fano varieties can be described by certain polytopes generalizing the reflexive polytopes associated to Gorenstein toric Fano varieties. We then propose a strategy to prove the generalized Mukai conjecture for these varieties.

This is joint work with Johannes Hofscheier.

Mittwoch, 10.06.2015

ab 16:00 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik