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Leibniz
Universität
Hannover

Oberseminar

zur

Algebra und Algebraischen Kombinatorik

PD Dr. Jörg Jahnel
(Universität Siegen)

"On the Hasse principle for cubic surfaces"

Homogeneous cubic forms differ from quadratic forms in many aspects. One of them is that the Hasse principle does not always hold.

In this talk, I will report on constructions for cubic forms in four variables, geometrically corresponding to cubic surfaces, for which the Hasse principle fails. The first such examples have been devised by Swinnerton-Dyer in 1962, but many more were found recently.

Montag, 01.12.2014
ab 14:15 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik