Institut f. Analysis und Zahlentheorie

Zahlentheoretisches Kolloquium

Freitag, 27. 1. 2017, 14:00 Uhr

Seminarraum Analysis-Zahlentheorie (NT02008), Kopernikusgasse 24/II

Rational points on cubic surfaces

Prof. Dr. Daniel Loughran

(University of Manchester)

Abstract: A conjecture due to Batyrev and Manin predicts the asymptotic behaviour of the number of rational points of bounded height on cubic surfaces. In this talk I will report on some modest progress towards this conjecture, in joint work with Christopher Frei and Efthymios Sofos.

C. Frei, R. Tichy