



SCUOLA
NORMALE
SUPERIORE
PISA

SEMINARIO DI MATEMATICA

giovedì 22 febbraio 2007

ore 17.00

Scuola Normale Superiore

Pisa

(Aula Mancini)

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Terrà un seminario dal titolo:

“Points with S -units coordinates on varieties”

Abstract

M. Laurent has shown that in an algebraic subvariety of a power of the multiplicative group of a number field the points with S -units coordinates are restricted to a finite number of translates of algebraic subgroups. It is an open problem to determine these effectively but J.-H. Evertse and H. P. Schlickewei have produced bounds for their number. I will explain how these can be improved (and a new proof of Laurent's theorem given) through an adaptation of the method of Vojta-Bombieri for the Mordell's conjecture. For simplicity, I will give details only for curves.

Tutti gli interessati sono invitati a partecipare.

La Segreteria della
Classe di Scienze