



SCUOLA
NORMALE
SUPERIORE
PISA

SEMINARIO DI MATEMATICA

mercoledì 7 marzo 2007

ore 18.00

Scuola Normale Superiore

Pisa

(Aula Tonelli)

Yury Bilu

Université de Bordeaux

Terrà un seminario dal titolo:

“Galois Orbits and Potential Theory”

Abstract

I will state and prove the equidistribution theorem for algebraic points of small heights on the torus (1997); that is, the Galois orbit of a "small" point is "well spaced" near the unit poly-disc of a translate of some sub-torus.

I will also show how this theorem implies Bogomolov conjecture on the torus: if V is a subvariety not containing a translate of a subtorus by a torsion point then the height function on V is bounded from below by a positive constant.

Tutti gli interessati sono invitati a partecipare.

La Segreteria della
Classe di Scienze