



SCUOLA
NORMALE
SUPERIORE
PISA

SEMINARIO DI MATEMATICA

lunedì 7 aprile 2008
ore 18.00

Scuola Normale Superiore
Pisa
(Aula Tonelli)

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S.N.S., Pisa

Terrà un seminario dal titolo:

***“Hilbert's Tenth Problem: undecidability of
diophantine equations”***

Abstract

For his tenth problem, Hilbert asked to find a procedure (an algorithm) to decide whether or not a given diophantine equation has a solution over the integers. In 1970, it was shown by Matiyasevich, building on earlier work by Davis, Putnam and Robinson, that such an algorithm does not exist. In this talk, I will give some idea of the proof and also mention some generalisations and open questions.

Tutti gli interessati sono invitati a partecipare.

La Segreteria della
Classe di Scienze