



SCUOLA
NORMALE
SUPERIORE

SEMINARIO MATEMATICA

Mercoledì 8 gennaio 2014
ore 15:00

Scuola Normale Superiore
Pisa
Aula Fermi

Pavel Zorin-Kranich

Hebrew University of Jerusalem

Terrà un seminario dal titolo:

“From combinatorics to multilinear maximal operators”

Abstract:

Szemerédi's most famous theorem states that sets of integers of positive upper density contain arbitrarily long arithmetic progressions. This result has been given an interpretation as a statement about certain multilinear operators defined in terms of measure-preserving dynamical systems by Furstenberg. I will highlight both the striking generalizations of Szemerédi's theorem obtained using this viewpoint and the (largely unresolved) questions in harmonic analysis that have surfaced in this area.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze