



SCUOLA
NORMALE
SUPERIORE
PISA

Conferenza di

ANALISI ARMONICA

Giovedì 1 giugno 2006

ore 15.00

Scuola Normale Superiore

Pisa

(Aula Mancini)

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Terrà una conferenza dal titolo:

"Some discrete analogues in harmonic analysis"

Abstract

We will review and survey the background and some recent results concerning discrete analogues that arise in harmonic analysis. When the corresponding R^n results involve "curvature", the passage to their discrete analogues requires estimates for exponential sums of the kind that are used in the circle method. In the classical setting these exponential sums are scalar-valued, but here one needs operator-valued analogues. This will be illustrated in the situation of the Heisenberg group, where the curvature is inherent in its underlying symplectic form.

Tutti gli interessati sono invitati a partecipare.

La Segreteria della
Classe di Scienze