



SCUOLA
NORMALE
SUPERIORE
PISA

Colloquio De Giorgi

Venerdì 25 maggio 2012
ore 15.00

Scuola Normale Superiore
Pisa
(Sala Azzurra)

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Princeton University

Terrà un seminario dal titolo:

“Three projection operators in complex analysis”

Abstract:

I will describe some joint work with Loredana Lanzani dealing with the L^p boundedness of the Cauchy-Fantappiè-Leray integral, the Cauchy-Szegö projection, and the Bergman projection for domains in several variables that satisfy minimal smoothness conditions. These results require techniques that for the most part are different from those in one variable. For the C-F-L integral one has boundedness if the domain is of class $C^{1,1}$ and is strongly C -linearly convex. For the Szegö and Bergman projections, the results hold if the domain is of class C^2 and is strongly pseudo-convex.

Tutti gli interessati sono invitati a partecipare

Classe di Scienze