Temple University Mathematics Colloquium

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will speak on

Local measure preserving maps between hermitian symmetric spaces

ABSTRACT: In this talk I would like survey the global rigidity property for local holomorphic maps from an open piece of a Hermitian symmetric space M into a Cartesian product of M. This study has been related to problems in number theory in classifying the modular correspondences, as initated by the work of Clozel-Ullmo. We will discuss the work of Mok-Ng on the rigidity pehomenon when the map is local area preserving and M is of non-compact type. We then focus on our recent joint work with H. Fang and M. Xiao when M is of compact type.

Monday, February 22
Lecture at 4:00 pm
Coffee, tea, and refreshments from 3:40 pm
Room 617, Wachman Hall
Department of Mathematics