

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

NUMBER THEORY SEMINAR

The Möbius function and distal flows

Professor Jianya Liu
Shandong University

Date: December 2, 2011 (Friday)

Time: 11:00 - 12:00am

Venue: Room 210, Run Run Shaw Bldg., HKU

Abstract

Recently Peter Sarnak proposed a conjecture concerning the orthogonality of the Möbius function to zero-entropy flows. Distal flows form a relatively large class of zero-entropy flows. In this talk I will report a joint work with Peter Sarnak that his conjecture is true for various distal flows.

All are welcome