



Department of Mathematics
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Seminar

Mobius disjointness for analytic skew products

Prof. Zhiren WANG
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Abstract

Sarnak's Mobius disjointness conjecture states that the Mobius function is disjoint to every topological dynamical system of zero entropy. In this talk, we will explain why this is true for every analytic skew product map on the two torus over a rotation of the circle of arbitrary rotation number. If time allows, we will also discuss some progress in the case of smooth skew products.

Date : July 21, 2016 (Thursday)
Time : 10:30a.m. – 11:30a.m.
Venue : Room 222, Lady Shaw Building,
The Chinese University of Hong Kong

All are Welcome