

SCMS Seminar

MOBIUS DISJOINTNESS FOR ANALYTIC SKEW PRODUCTS

Speaker: Zhiren Wang

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Time: 16:00 p.m.-17:00 p.m., Monday, June 20, 2016

Venue: Room 2201, East Guanghua Tower (Main), Fudan University

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.