



Theoretical Statistics and Mathematics Unit

Seminar

Date: July 22, 2016

Time: 3:00 PM

Venue: L-Infinity, Stat-Math Unit (5th Floor, A.N. Kolmogorov Bhavan)

Mithun Bhowmik
ISI SMUK

Around a theorem of Levinson regarding decay of Fourier transform.

Abstract

A classical result due to Levinson characterizes the existence of nonzero functions supported on certain subsets of the real line in terms of the pointwise decay of the Fourier transforms. I will talk about this theorem and its generalization on the n -dimensional Euclidean space and the n -dimensional torus.

All are cordially invited