



Department of Mathematics
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Seminar

Fourier frames on singular measures

Professor Chun-Kit LAI
San Francisco State University

Abstract

Fourier frames is a natural generalization of exponential orthonormal bases and it has wide range of application. In this talk, we show that some fractal singular measures admits a Fourier frame, but not exponential orthonormal bases. We also demonstrate that uniformity of the singular measures is an important criterion for admitting a Fourier frame. This talk is based on joint work with Y. Wang and D. Dutkay.

Date: 31 March 2017 (Friday)
Time: 2:30pm – 3:30pm
Venue: Room 219, Lady Shaw Building,
The Chinese University of Hong Kong

All are Welcome