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Seminar

Affine Restriction Estimates for Surfaces in \mathbb{R}^3 via Decoupling

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Abstract: We will discuss some L^2 restriction estimates for smooth compact surfaces in \mathbb{R}^3 with affine surface measure and certain powers thereof. The primary tool is a decoupling theorem for these surfaces. The results are also uniform for polynomial surfaces of bounded degrees and coefficients. Some of the results we will discuss are joint with Tongou Yang.

Date: 13 January 2023 (Friday)
Time: 3:00 pm – 4:30 pm
Venue: Room 222, Lady Shaw Building,
The Chinese University of Hong Kong, Shatin

All are Welcome!