



Department of Mathematics
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Seminar

Decoupling Inequalities Related to Vinogradov's Mean Value Theorems in Dimensions Two and Three

Dr. Shaoming Guo

Indiana University, Bloomington

Abstract

I will present some sharp $\ell^p L^p$ decoupling inequalities associated to certain translation and dilation invariant surfaces. These inequalities imply the sharp bounds for the integer solutions of certain system of Diophantine equations.

Date : July 29, 2016 (Friday)
Time : 4:30p.m. – 5:30p.m.
Venue : Room 219, Lady Shaw Building,
The Chinese University of Hong Kong

All are Welcome