

Department of Mathematics **The Chinese University of Hong Kong**

數學系

香港中文大學

Phone: (852) 3943 7988 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk (Math. Dept.) Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Seminar

Basic examples of the polynomial method

Mr. Ruixiang ZHANG Princeton University

Abstract

We will talk about the finite field Kakeya and the Szemeredi-Trotter theorem as two simplest cases to illustrate the basic idea of the "discrete" and "continuous" variant of the polynomial method.

Date: December 21, 2016 (Wednesday)

Time: 2:00pm – 3:30pm

Venue: Room 219, Lady Shaw Building,

The Chinese University of Hong Kong

All are Welcome