

國立陽明交通大學應用數學系

學術演講公告

主講人：沈俊嚴 教授 (台灣大學 數學系)

講 題：Discretized Sum-Product and Geometric Measure Theory

時 間：112 年 11 月 21 日(星期二) 下午 2:00 –3:00

地 點：(光復校區) 科學一館 223 室

Abstract

In this talk, I will first briefly review the history of sum-product estimates in the setting of finite fields and mention the applications of sum-product type problems. Then I will start introducing the celebrated result of Bourgain about the discretized sum-product estimates and the applications to geometric measure theory problems. Finally I will talk about our recent results about expanding polynomials in continuous setting and discuss their sum-product phenomena.

敬請公告 歡迎參加

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