

# 國立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：Sum-Product estimates in reals

時 間：108 年 3 月 5 日(星期二) 下午 14:00 –15:00

地 點：(光復校區) 科學一館 223 室

茶 會：當天下午 1:30 (科學一館 205 室)

### Abstract

Given a finite set in integers, and consider the associated sum set and product set. What can we say about the size of the sum set or product set ?

It turns out this problem is not only a difficult problem but also has many important applications to various problems. In this talk, we will review the history of this famous problem and discuss our progress for a weaker version of Erdos-Szemerédi sum-product conjecture.

敬請公告 歡迎參加

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