國立中央大學數學系

專題演講

主講人：Oliver Roche-Newton（武漢大學數學系）

題目：Structural sum-product problems

演講茶會: 2015年10月21日(星期三) 2:30 p.m. ~ 3:00 p.m.

茶會地點:中央大學鴻經館M306

演講時間：2015年10月21日(星期三) 3:00 p.m. ~ 4:00 p.m.

地點：中央大學鴻經館M107

Abstract:

A common variation of the sum-product problem is the question of determining whether certain sets defined by a combination of additive and multiplicative operations are guaranteed to be large. Recent years have seen progress in this area, with a number of essentially optimal results being established. A natural follow-up problem concerns the structural question of when these lower bounds can be attained. This talk will give an introduction to problems of this type, discussing some of the many open problems in the area and giving some details of the few results that are known.

贊助單位:

1.國家理論科學研究中心

2.國立中央大學數學系

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