Mathematics Seminar

歡迎參加　　敬請公告

演講者：Dr. Wei-Husan Yu (Brown University, ICERM)

講　題：Semidefinite programming on various problems

時　間：2017年12月25日 (星期一) 11:00-12:00 a.m.

地　點：臺灣大學天數館 202 室

摘　要：I will talk about various combinatorics problems which can be tackled by semidefinite programming (SDP) method. For instance, the best results in kissing number problems and maximum size of spherical two-distance sets and equiangular lines are achieved by SDP. Especially, I will discuss details about using symbolic semidefinite programming method to prove Musin Conjecture which is a classical problem in discrete geometry. Almost every dimension about maximum spherical two-distance sets problems is solved.

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