

Colloquium

Recent Progress on equiangular lines

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地 點：應用數學系多媒體教室(理 408 室)

摘 要：

In this talk, I will shortly mention some classical problems in discrete geometry such as sphere packing problems and kissing number problems. Then, I will introduce the problems of equiangular lines. Equiangular lines is the set of lines such that any pair of lines forms the same angle. It was studied since 1948 by Haanjetes. I will talk our recent progress on the upper bounds of equiangular lines. This talk bases on the joint work with Yen-Chi, Roger Lin.