

國立中正大學數學系  
暨應用數學碩士班、統計科學碩士班  
學 術 演 講

## Characterization of Distributed Compressive Sensing with Signal Diversity

梁惟捷 教授

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### Abstract

Distributed Compressive Sensing (DCS) exploits joint sparsity in signal ensembles represented by multiple measurement vectors (MMVs). Nevertheless, current theoretical guarantees for perfect recovery in the MMV setting remain largely comparable to those of the single measurement vector (SMV) case.

In this talk, I examine how intrinsic properties of signal ensembles affect recovery performance in a deterministic MMV framework. In particular, I focus on two key factors: the Euclidean distance between signals and the decay behavior of their coefficients.

日 期：115 年 4 月 29 日(星期三) 16:10~17:00

地 點：本校數學館 527 教室（嘉義縣民雄鄉大學路 168 號）

茶 會：15:30~16:00 數學館四樓 409 室舉行

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