

Colloquium

The Nested Chain Decompositions of Some Normalized Graded Posets of Rank Three

主講人：李渭天 教授

國立中興大學應用數學系

時 間：105 年 11 月 23 日(三) 14：30

地 點：應數系多媒體教室(理 408 室)

摘 要：

A graded poset P is a normalized matching if the normalized matching property holds for any two levels of P . It is conjectured by Griggs in 1975 that every finite normalized matching rank-unimodal poset has a nested chain decomposition. This conjecture is widely open and is only verified for posets of rank 2. In this talk, we will learn the early results of Shahriar et al. on some normalized matching posets of rank 3. Moreover, we will modify their approach to show more posets satisfying the Griggs' s conjecture.

Joint work with Mr. Yu-Lun Chang (dc-zwie@hotmail.com.tw)