

國立政治大學應用數學系

Department of Mathematical Sciences, National Chengchi University

## 2020 One Day Workshop on Analytic and Enumerative Combinatorics

**Speaker:** 鄭硯仁 (國立臺灣師範大學數學系)

**Title:** Partial permutation via Catalan matrix

**Time:** (未定), Friday, October 30, 2020

**Venue:** Room 070221, 2F, Zhi Xi Building(志希樓 2 樓 E 化教室)

### Abstract

A partial permutation is an  $n \times n$  0,1-matrix with at most one 1 in each row and column. In this talk, I will extend some well known statistics and results on permutations to partial permutations. In addition, results on certain families of permutations, for example, connected permutations and alternating permutations, are also mentioned.