## Total positivity and combinatorics

## Yi Wang

School of Mathematical Sciences, Dalian University of Technology

## Abstract

Total positivity is an important and powerful concept that arises in various branches of mathematics. In this talk we discuss some analytic properties of combinatorial sequences from the viewpoint of total positivity.

Keywords: totally positive matrix; log-concave sequence; log-convex sequence

E-mail address: wangyi@dlut.edu.cn