

國立清華大學數學系學術演講

NTHU MATH Colloquium

講題 Orthogonal polynomials and combinatorics

講者 Prof. Yen-Jen Cheng (National Pingtung University)

時間 2026.04.27 (Mon.) 16:00 – 17:00

地點 第三綜合大樓**2樓 Room 201**

茶會 15:30, Room 707

Abstract

Orthogonal polynomials arise in many areas of mathematics, including differential equations, probability theory, and numerical analysis. In this talk, I will present several methods for constructing orthogonal polynomials, and illustrate their rich connections with combinatorial structures, including lattice paths and continued fractions.