

國立中山大學應用數學系

學術演講

講者：Nadja Azzouz (TU Wien, Vienna, Austria)

講題：How Similar Are Random Trees? Local Splits and Generating functions

時間：2026/04/09 (Thursday) 14:10 ~ 15:00

地點：理 SC4011 教室

茶會：13:30

Abstract

We explore a metric on trees that captures their local similarities by comparing small neighborhoods around edges. In particular, the k -Robinson-Foulds (k -RF) distance compares two labeled Cayley trees by counting edge-based k -local splits that appear in exactly one of the trees. To study this metric, we also introduce the symbolic method as a powerful framework from combinatorics that translates structural descriptions into generating functions.

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