

國立陽明交通大學應用數學系

學術演講公告

主講人：黃迺筑 教授(高雄大學 應數系)

講題：The Characterization of Positive Entropy in Markov Tree-shifts

時間：114 年 5 月 13 日(星期二) 下午 14:00 –15:00

地點：(光復校區) 科學一館 213 室

Abstract

Topological entropy is often regarded as an indicator of complexity. However, there is no finite algorithm to determine whether a d -dimensional ($d > 1$) shift of finite type has positive entropy. In fact, this property is recursively enumerable. In this presentation, I will characterize positive entropy in Markov tree-shifts using adjacency matrices. Additionally, I will explore the relationships among positive entropy, topological properties, and chaotic behavior.

敬請公告 歡迎參加

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