

國立中山大學應用數學系

學術演講

講者：Dr. Himanshu Baranwal (Department of Mathematics, Indian Institute of Technology)

講題：Exploring Fractals: Around Hutchinson-Barnsley, Theory and Beyond

時間：2025/3/6 (Thursday) 16:10 ~ 17:00

地點：理 SC 4009-1 教室

茶會：15:45

Abstract

Fractals, with their mesmerizing intricate structures, have long captivated mathematicians and scientists alike. At the heart of their mathematical foundation lies the Hutchinson-Barnsley theory. This talk embarks on a journey through the fundamental principles of iterated function system, unveiling the power of the Hutchinson operator and Barnsley's pioneering contributions that have shaped modern fractal theory. Designed for a general mathematical audience, this approach connects averaging techniques with fractal analysis, offering new insights into the relationship between contraction principles and geometric structures.

敬 請 公 告 ！ 歡 迎 參 加 ！

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