



Department of Mathematics
The Chinese University of Hong Kong

For Favour of Posting

數學系
香港中文大學

Phone: (852) 3943 7988 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk (Math. Dept.)
Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Seminar

Singular Limit and Singular Solutions of the Fast Diffusion Equation

Professor Kin-Ming HUI
Institute of Mathematics, Academia Sinica, Taiwan

Abstract

We will prove existence, uniqueness and singular limit of singular solutions of the fast diffusion equations. We also prove the higher order decay rate of the singular solutions of the fast diffusion equations. Such equation arises in the study of the conformal metrics in Yamabe flow, etc.

Date : September 27, 2017 (Wednesday)
Time : 10:30a.m. – 11:30a.m.
Venue : Room 222, Lady Shaw Building
The Chinese University of Hong Kong

All are Welcome