國立陽明交通大學應用數學系
學術演講公告

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講　題：Diffusion Phenomenon and Related Research
　　　　Problems on Graphs

時　間：110 年 4 月 20 日(星期二) 下午 14:00 –15:00

地　點：(光復校區) 科學一館 223 室

茶　會：當天下午 13:30 (科學一館 205 室)

Abstract

　　Information propagation in online social networks and disease spreading through real-world social networks are common phenomena in networked structures. Numerous research topics arise from the diffusion process, such as reconstructing diffusion traces, information influence maximization, and information source detection. These problems, formulated as optimization problems with graph constraints, are challenging to solved exactly. In this talk, we first introduce the basic concept of graph theory and how to model the diffusion process on graphs. Then, we give a few examples of different research topics in this field. Lastly, we focus on two of the problems called "Information Source Detection Problem" and "Protection Nodes Placement Problem."

敬請公告　歡迎參加

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