

國立交通大學應用數學系 學術演講公告

主講人：林祐霆醫師 (臺北榮民總醫院麻醉部)

講 題：Manifold Learning in Medical Signal Processing and
Challenging Problems in Engineering

時 間：108 年 9 月 17 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 1:30 (科學一館 205 室)

Abstract

The waveform morphology in the cardiovascular signal data reflects physiological dynamic interaction inside the human body. By organizing the subtle change of waveform morphology from large amount of data, unsupervised manifold learning help delineate a high dimensional structure. Using diffusion map, we may gain more insight for signal processing, data analysis and classification. Development in engineering warrants the reliability of clinical application. Therefore, I will present several challenging problems for further discussion.

敬請公告 歡迎參加

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