

清華大學、交通大學
統計學研究所
專題演講

題目：Sparse Decomposition and Variational Time-Frequency Analysis
for Complex Non-Stationary Data

主講人：楊緒文教授(中原大學應用數學系)

時間：107年11月16日(星期五)上午10:40 - 11:40
(10:20 - 10:40 茶會於統計所821室舉行)

地點：清大綜合三館837室

Abstract

We will talk about how time-frequency analysis arises in dealing with non-stationary data and signal processing, particularly those motivated by physiology and biomedicine. In addition to surveying the difficulty encountered in applying traditional signal analytical methods, a few relatively recent tools will be introduced, including the concept of sparse decomposition and its relation to subjects like compressed sensing and machine learning. Moreover, we will present some new perspectives and progress regarding these issues, including an introduction to some of the speaker's own work. Finally, some related mathematical results and questions will also be discussed.

敬請公佈

歡迎參加