

中央研究院統計科學研究所 學術演講

講題：Smoothing strategies for support vector regression and signal reconstruction

演講人：陳界山 教授(國立臺灣師範大學數學系)

時間：2022年1月10日(星期一)上午10:30-12:00

地點：中央研究院統計科學研究所 B1F 演講廳

※茶會：上午10:10開始

※英文演講

※實體與線上視訊同步進行



Abstract

In this talk, we present two smoothing strategies to support vector regression and signal reconstruction problem, which are popular target problems in data science.

We demonstrate how smoothing functions can be involved or constructed to fit in these two types of problems. For support vector regression, we employ smoothing Newton algorithm to work along with the proposed smoothing functions, whereas the conjugate algorithm is adopted to tackle with the signal reconstruction problem.