

國立陽明交通大學應用數學系

學術演講公告

主講人：蔡玉麟博士(國家太空中心)

講題：From Pixels to Earth: The Mathematics of Remote Sensing

時間：114年11月11日(星期二) 下午 14:00 –15:00

地點：(光復校區) 科學一館 213 室

Abstract

Exploring the mathematical principles behind remote sensing, starting with how to define the location using Earth Coordinate Systems and Geodetic Coordinate Systems, and demonstrate how to map satellite images to a Ground Coordinate System. The presentation will also introduce image processing techniques for both optical and Synthetic-aperture radar (SAR) images, including radiometric calibration and geometric correction. Finally, I'll showcase specific applications such as Total Variation (TV) models, image fusion using neural networks and SAR image denoising.

敬請公告 歡迎參加

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