

# 國立中山大學應用數學系

## 學術演講

講者：Dr. Joseph Rogge (University of Washington)

講題：The Wonderful World of PSD Matrices

時間：2026/05/20 (Wednesday) 11:10 ~ 12:00

地點：理 SC4009-0 教室

請先於線上報名，歡迎大學部學生參加：

<https://sites.google.com/site/chihweichenmathematician/international-scholar-online-lectures?>

### Abstract

I will introduce a class of matrices known as positive semi-definite (PSD) matrices, which have many wonderful properties and appear in many settings across mathematics. In addition to basic properties of PSD matrices, I will discuss some convex geometry and a connection between PSD matrices and metric space embeddings in Euclidean space.

敬請公告！歡迎參加！

應用數學系：<http://math.nsysu.edu.tw>

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