

# 國立中山大學應用數學系

## 學術演講

講者：劉青松 副教授 (高雄大學應用數學系)

講題：Numerical methods for solving the nonnegative least squares problem

時間：2022/04/21 (Thursday) 16:10 ~ 17:00

地點：視訊演講

Google Meet Link : <https://meet.google.com/wgg-eivn-ggj>



### Abstract

In this talk, we introduce a new algorithm for solving nonnegative least squares problems (NNLS). A constrained least-squares problem arises from several applications, such as low-dimensional representations of matrix or tensor (nonnegative matrix factorization). This method uses inner and outer schemes to find the index set corresponding to the nonzero component of the optimal solution.

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