

國立中山大學應用數學系

學術演講

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講題：A Novel Regularization Approach in Function Approximation

時間：2025/12/24 (Wednesday) 15:30 ~ 16:30

地點：理 SC 4009-0 教室

茶會：15:10

Abstract

We introduce the complex regularization method (CRM) which is a novel regularization method for interpolation problems. In addition, the proposed technique resolves rank-deficiency in radial basis function (RBF) interpolation problems involving real-symmetric matrices. It thus renders the need for supplementary polynomial terms to achieve invertibility across various RBFs unnecessary and, in addition, is appropriate for solving interpolation problems with noisy data.

敬 請 公 告 ！ 歡 迎 參 加 ！

應用數學系：<http://math.nsysu.edu.tw>

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