

國立交通大學應用數學系 學術演講公告

主講人：劉青松教授 (高雄大學應用數學系)

講 題：The numerical methods for nonlinear eigenvalue problems

時 間：108 年 12 月 3 日(星期二) 下午 14:00 –15:00

地 點：(光復校區) 科學一館 223 室

茶 會：當天下午 1:30 (科學一館 205 室)

Abstract

In this talk, we will introduce nonlinear eigenvalue problems, including tensor eigenvalue problems and nonlinear Schrödinger equations. We will discuss its numerical methods and some numerical results. A great advantage of this method is that it converges quadratically and is positivity preserving in the sense that the vectors approximating the Perron vector (or the ground state vector) are strictly positive in each iteration.

敬請公告 歡迎參加

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