数学与系统科学研究院

计算数学所学术报告

报告人： **Dr. Chao Ding**

（ *National University of Singapore* ）

报告题目:

An Introduction to a Class of Matrix Optimization Problems

邀请人： 优化与应用研究中心

报告时间: 2012 年 2 月 16 日（周四）

下午 16：00-17：00

报告地点： 科技综合楼三层 311

计算数学所报告厅

Abstract：

In this talk, we consider a class of matrix optimization programming (MOP) problems, which involve minimizing the sum of a linear function and a proper closed convex function subject to an affine constraint. MOPs arise from diverse applications can be cast in the form of MOP. In order to make the defined MOP tractable, as an initial step, several fundament properties of a class matrix-valued function so-called spectral operators are studied systematically. Also, in this talk, we discuss the sensitivity analysis of some MOP problems and some extensions.

欢迎大家参加！