

数学与系统科学研究院

计算数学所学术报告

报告人: 吴春林 副教授

(南开大学数学科学学院)

报告题目:

**On Nonconvex Regularized Models
for Image Restoration Problems**

邀请人: 陈冲 博士

报告时间: 2018 年 12 月 10 日(周一)

下午 14:00-15:00

报告地点: 科技综合楼三层

311 报告厅

Abstract:

Variational methods with regularization techniques have become an important kind of methods in image restoration. The convex total variation (TV) regularization, although achieved great successes, suffers from a contrast reduction effect. Recently nonconvex regularization techniques become popular. In this talk, I will mainly present two parts. The first one is a motivation of using nonconvex regularizations and a general truncated regularization framework. The second is a lower bound theory for nonconvex regularized models, which shows the good edge recovery property.

欢迎大家参加！