

**数学与系统科学研究院**

**计算数学所学术报告**

**报告人: Prof. Xue-cheng Tai**

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**报告题目: Some new developments  
for image segmentation by graph cut  
and image segmentation by graph  
cut and image inpainting by TV-  
Stokes models**

**邀请人: 徐国良研究员**

**报告时间: 2008年12月16日(周二)**

**下午 4:00—5:00**

**报告地点: 科技综合楼三层 301**

**计算数学所报告厅**

## Abstract:

**In this talk, I will try to summarize our recent research results in using integer minimization techniques for image segmentation problems. Real 3D results will be presented.**

**In the second part of the talk, I will try to outline the essential ideas for using higher order partial differential equations for image restoration and inpainting. A relation between higher order methods and TV-stokes model will also be explained.**

**欢迎大家参加！**