

数学与系统科学研究院  
**计算数学所学术报告**

(定期学术报告)

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**报告题目:**

**Analysis on Multiresolution Mosaic  
Images**

**邀请人: 胡星标研究员**

**报告时间: 2007年9月6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:**

**Mosaicing is the art of combining more than two images. The technique has a great application in computer graphic, computer vision and image processing. The technique usually is composed of two steps: registration and smooth the transition intensity. Here, we consider only the later step by assuming that the first step has been solve. We propose a method that uses multiresolution analysis to smooth the intensity of the overlapped images. The solution of the method is obtained by variational calculus.**

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