

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Michal Krizek**

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报告题目:

**On Nonobtuse Simplicial Partitions**

邀请人: 周爱辉研究员

报告时间: **2011年6月17日(周五)**

**上午9:00-10:00**

报告地点: **科技综合楼三层 311**

**计算数学所报告厅**

## **Abstract:**

**We survey some results on acute and nonobtuse simplices and associated spatial partitions, which are relevant in numerical analysis, including piecewise polynomial approximation theory and the finite element method. Special attention is paid to a basic type of nonobtuse simplices called path-simplices, the generalization of right triangles to higher dimensions. In addition to applications in numerical mathematics, we give examples of the appearance of acute and nonobtuse simplices in other areas of mathematics.**

**欢迎大家参加!**