

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:

**Some Iterative Methods for Solving  
Inverse Problem**

报告时间: 2009年11月12日(周四)

下午4:00—5:00

报告地点: 科技综合楼三层311

计算数学所报告厅

## **Abstract:**

**In this talk, some iterative methods for solving inverse problem are introduced. In most cases, various inverse problems arising from practical world are ill-posed and the discretization will cause ill-conditional linear algebraic system. In order to solve a reasonable solution, the regularization methods such as the Tikhonov method, singular value decomposition (SVD) and Landweber method are adopted. Here, I will present their elementary theory and also the numerical examples.**

**欢迎大家参加！**