数学与系统科学研究院

计算数学所学术报告

报告人：Prof. Jin-yun Yuan (Federal University of Parana, Brazil)

报告题目：Preconditioned Iterative Methods for Indefinite Problems

邀请人：戴彧虹研究员

报告时间：2009 年 7 月 **23** 日(周四)

上午 10:00—11:30

报告地点：科技综合楼三层 301

计算数学所报告厅

摘要：In this talk we give short survey on some preconditioned iterative methods for solving indefinite systems which appear in many applications such as constrained optimization and numerical PDE. Here we concentrate on the preconditioned null space methods, ST preconditioned iterative methods, SOR-like methods and always convergent splitting methods. The main point is to transform the problem to a symmetric and positive definite system which can easily be solved by the conjugate gradient method.

欢迎大家参加！