数学与系统科学研究院

计算数学所学术报告

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报告题目：

Some Recent Studies on Numerical Methods for Systems of Linear Equations

邀请人： 袁亚湘研究员

报告时间： 2008 年 12 月 23 日(周二)

下午 3:30—5:00

报告地点： 科技综合楼三层 311

计算数学所报告厅

Abstract:

Here Give some recent studies on iterative methods for solving linear systems arising from many applications, specially preconditioned iterative methods for saddle point problems. The main point is to transform the indefinite systems to symmetric and positive definite well-conditioned systems such that we can apply the conjugate gradient method to solve the problems. Also some no-orthogonal iterative method, semi-conjugate direction method was introduced to solve general nonsymmetric systems. Finally some open problems are presented for future research.

欢迎大家参加！