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：

New multigrid methods for indefinite systems

邀请人： 张晨松 副研究员

报告时间：**2014 年 4 月 14 日（周一）**

上午 10：00

报告地点： 科技综合楼三层 **311**

计算数学所报告厅

Abstract：

We have developed new smoothers for the Stokes and linear elasticity problems. Using the multigrid Poisson solve, we precondition the indefinite system from the finite element discretization of these saddle point problems. We prove the resulting multigrid algorithms are contractions with the contraction number depending on the regularity of the solution but independent of the mesh level.

欢迎大家参加！