

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:

**On the Smoothing Properties of
Block Preconditioners for Saddle
Point Problems**

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下午15: 00-16: 00

报告地点: 科技综合楼三层

311 报告厅

Abstract:

We consider multigrid methods for general saddle point problems and analyze the smoothing properties of several classes of Uzawa-like methods. The results are applied to the Stokes equations, for which convergence properties for the two-grid algorithm and the W-cycle are studied. Numerical results are presented to illustrate the theoretical results.

欢迎大家参加！