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：

Immersed Cascadic multigrid method for interface elliptic problem

邀请人： 石钟慈 院士

报告时间：2017 年 8 月 21 日（周一）

下午 15:00-16:00

报告地点： 科技综合楼三层

311 报告厅

Abstract:

The interface problems have extensive applications in science and engineering practices. The immersed finite element method is one of the efficient methods for solving the interface problems. We study a new conforming immersed finite element method based on some criterion elements. Then we present some immersed cascadic multigrid methods based on the nonconforming or conforming immersed finite element method. Finally the numerical results show that the efficiency of the new methods.

欢迎大家参加！