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：

Finite Elements for Some Singular Perturbation Problems

邀请人：　龚伟 副研究员

报告时间：2017 年 6 月 9 日（周五）

下午 **16:00-17:00**

报告地点：　科技综合楼三层

311 报告厅

Abstract：

Some uniformly convergent finite elements with respect to the small parameter for 4-orde elliptic singular perturbation problem are introduced and analyzed , include continue but nonconforming and non-continue triangular, rectangular, tetrahedral, cubic and triangular prism elements. Some uniformly convergent finite elements with respect to the small parameter for Darcy-Stokes problem are introduced and analyzed which are H(div)-conforming but H1-nonconforming , include triangular, rectangular, tetrahedral and cubic elements.

欢迎大家参加！