

数学与系统科学研究院

计算数学所博士后定期学术报告

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报告题目:

**Some New Residual-based A
Posteriori Error Estimators for the
Mortar Finite Element Methods**

报告时间: **2010 年 12 月 16 日(周四)**

下午 16: 00~17: 00

报告地点: **科技综合楼三层 311**

计算数学所报告厅

Abstract:

In this talk, we will give some new residual-based a posteriori error estimators for the mortar finite element discretization of the second order elliptic equations with discontinuous coefficients. Reliability and efficiency of ours estimators can be obtained without any saturation assumption or mesh restrictions. We will also discuss some generalization to other elements and other problems. Some numerical experiments are reported to confirm our theory.

欢迎大家参加!