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: Some divergence-free finite elements and a divergence-free interpolation operator

<u>邀请人:</u> 崔俊芝院士, 许学军研究员 <u>报告时间:</u> 2009年9月2日(周三) 下午4:00—5:00

报告地点: 科技综合楼三层 311 计算数学所报告厅

Abstract:

We will review several divergence—free finite elements, their bases, computation, and advances over the traditional mixed finite elements. For example, the divergence—free elements preserve mass pointwise, and also the pressure would be computed as a byproduct. In particular, we will present a divergence—free interpolation operator, an extended Scott—Zhang operator. This is a joint work with Dr. Xuejun Xu of Institute of Computational Mathematics, Chinese Academy of Sciences.

欢迎大家参加!