

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:

**A Mixed Finite Element  
Approximation for Time-Fractional  
Partial Differential Equations**

邀请人: 唐贻发 研究员

报告时间: 2014年7月7日 (周一)

晚上 19:30-20:30

报告地点: 科技综合楼三层 311

计算数学所报告厅

**Abstract:**

**Based on the spaces of bilinear finite element and of its gradient, a mixed finite element fully-discrete scheme for time-fractional partial differential equations is established. By use of special properties of bilinear finite element and an important lemma, a high order error estimate for the proposed numerical approximation scheme is derived.**

**欢迎大家参加!**