数学与系统科学研究院

计算数学所学术报告

报告人： **Dr. Shuonan Wu**

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报告题目：

The Lower Order Nonconforming Mixed Finite Element Methods for Linear Elasticity in Any Dimension

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报告时间：**2015** 年 **7** 月 **8** 日（周三）

下午 **16:30~17:30**

报告地点： 科技综合楼三层

311 报告厅

Abstract:

In light of Hu and Zhang's result of conforming finite element for symmetric tensors in any dimension, we propose a mixed finite element method for linear elasticity with nonconforming symmetric stress approximation in lower order. This numerical approximation contains a small number of degrees of freedom so that it is easy to implement. Furthermore, our mixed finite element methods can be constructed on arbitrary simplicial grids for any space dimension in a unified fashion, which is neat theoretically.

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欢迎大家参加！