

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Haijun Wu**

(*Nanjing University*)

报告题目:

**Polynomial preserving recovery of
linear FEM for Helmholtz equation
with high wave number**

邀请人: 陈志明 研究员

报告时间: 2017 年 5 月 23 日 (周二)

上午 9:30-10:30

报告地点: 数学院南楼二层

226 教室

Abstract:

Superconvergence properties of the linear finite element method with the polynomial preserving recovery for the two dimensional Helmholtz equation with high wave number are considered. Estimates with explicit dependence on the wave number are derived. Numerical examples are provided to illustrate the theoretical findings.

欢迎大家参加！