数学与系统科学研究院

计算数学所学术报告

报告人：**Associate Prof. Jiguang Sun**

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报告题目：

IPG Method for Biharmonic Eigenvalue Problems

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报告时间：**2014** 年 **12** 月 **12** 日（周五）

上午 **10:00**

报告地点：　数学院南楼二层 **202** 会议室

Abstract:

We investigate the C0 interior penalty Galerkin (C0 IPG) method for biharmonic eigenvalue problems with the boundary conditions of the clamped plate, the simply supported plate and the Cahn-Hilliard type. We prove the convergence of the method and present numerical results to illustrate its performance. We also compare the C0IPG method with the Argyris finite element method, the Ciarlet-Raviart mixed finite element method, and the Morley nonconforming finite element method. The work is joint with S. Brenner and P. Monk.

欢迎大家参加！