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：

Nonconforming virtual element method for plate bending problems

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报告地点：　科技综合楼三层

311 报告厅

Abstract:

We develop the nonconforming virtual element method for linear plate bending problems. A class of nonconforming virtual elements is constructed, which is $C0$-continuous. Like the classical nonconforming plate elements, it relaxes the continuity requirement for the function space to some extent. Further, the virtual element is constructed for any order of accuracy and adapts to complicate element geometries. We present a general framework on the error analysis for the nonconforming virtual element method, highlighting the main difference with the conforming one.

欢迎大家参加！