

数学与系统科学研究院
计算数学所定期学术报告

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报告题目:

**Generalized integral equation
method for a nonlocal elliptic
problem in measure space**

邀请人: 崔涛 研究员

报告时间: 2021 年 10 月 14 日(周四)

下午 16:00-17:00

报告地点: 数学院南楼

204 教室

Abstract:

A nonlocal elliptic problem in a total measure space is considered in this talk. We propose a generalized version of integral equation method to numerically solve this kind of problems. This generalized integral equation method extends all essential ingredients of classical integral equation method, and it can be applied for a large number of linear problems with local symmetry. Actually, the application to the nonlocal elliptic problem is merely an instance.

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