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：

Artificial boundary conditions of nonlocal models on unbounded domains

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报告时间：2017 年 5 月 11 日（周四）

下午 16:00-17:00

报告地点： 数学院思源楼一层

报告厅

Abstract：

The numerical solutions of nonlocal models such as nonlocal heat and wave equations on unbounded domains are considered. Differing from local models, the nonlocal effect makes the design of absorbing boundary conditions (ABCs) more difficulty since it breaks up the symmetry of the operator and requres an artificial layer to limit the bounded computational domain of interest. In this talk, we will report the recent progress on this topic. These works are jointed with Prof. Qiang Du, Prof. Houde Han and Prof. Chunxiong Zheng and so on.

欢迎大家参加！