

第28回早稲田大学 数学・応用数理談話会

日時：2023年5月25日(木)

16:30-17:40

16:00-16:30 (tea time)

場所：早稲田大学西早稲田キャンパス
63号館2階05会議室



アクセス：<https://www.waseda.jp/top/access/nishiwaseda-campus>

早稲田数学応数談話会 URL: <http://www.math.sci.waseda.ac.jp/math/>

Nonlocal modeling, analysis and computation: some recent development

Abstract: Nonlocality has become increasingly prominent in nature, leading to the development of new mathematical theories to model and simulate its impact. In this lecture, we will concentrate on nonlocal models that involve interactions with a finite horizon, examining their significance in understanding phenomena involving potential anomalies, singularities, and other effects that arise from nonlocal interactions. Furthermore, we will present recent analytical studies that explore nonlocal operators and function spaces, discussing how they contribute to the development of robust numerical algorithms.

Speaker : Professor Qiang Du
(Columbia University)



主催：早稲田大学理工学術院基幹理工学部数学科・応用数理学科
早稲田大学理工学術院総合研究所・重点領域「数理科学研究所」