

Seminar 2024

Math

Interior and boundary mixed norm derivative estimates for nonstationary Stokes equations

Hyunwoo Kwon

Brown University

2024년 3월 28일 (목) 11시-12시

Zoom online seminar

Abstract : we will consider local mixed norm derivative estimates for nonstationary Stokes equations in nondivergence form with variable viscosity coefficients that are merely measurable in time variable and have small mean oscillation in spatial variables in small cylinders. For the boundary estimates, we impose slip boundary conditions. We also obtain interior estimates for equations in divergence form. Weighted solvability for such equations on the whole space and half-space plays a crucial role in obtaining our results. This talk is based on the joint work with Hongjie Dong (Brown).

참가 Zoom 회의 : <https://yonsei.zoom.us/j/82095790199>

회의 ID: 820 9579 0199



연세대학교 수학과계산학부

주최: 4단계 BK21 수리과학 및 계산교육 연구단

