中国科学院数学与系统科学研究院应用数学所

# 偏微分方程及其应用中心

# 学术报告

**报告题目：** **Linear inviscid damping in the presence of an embedding eigenvalue**

**报 告 人：** 任偲骐 副教授（浙江工业大学）

**时　　间：** **2024 年 4 月 25 日（星期四）15:30-16:30**

**地　　点：** 数学院南楼 613

**摘　　要：** In this talk, we investigate the long-time dynamics of the linearized 2-D Euler equations around a hyperbolic tangent flow $(\tanh y,0)$. A key difference compared to previous results is that the linearized operator has an embedding eigenvalue, which has a significant impact on the dynamics of the linearized system.