



偏微分方程及其应用中心

学术报告

报告题目: Trace estimates of 3D NSE via blow-up

报告人: Jincheng Yang, 美国芝加哥大学

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下午 15:00-16:00

地点: 数学院思源楼 S813

摘要: We derive several nonlinear a priori trace estimates for the 3D incompressible Navier-Stokes equation, which extend the current picture of higher derivative estimates in the mixed norm. The main ingredient is the blow-up method and a novel averaging operator, which could apply to PDEs with scaling invariance and ε -regularity, possibly with a drift.