Seminar 2021

Math

Well-posedness and regularity of isentropic Naiver-Stokes equation with BV initial data

Xiongtao Zhang 교수

Huazhong University of Science and Technology

2021년 8월 4일(수) 14시
ZOOM강의

Abstract: It is established recently by Liu-Yu the weak solution with local well-posedness and global dynamics to isentropic Navier-Stokes equation with initial data of small bounded variation. In this talk, I will first review their fundamental works, and then continue to provide the refined structure of the weak solution constructed there, which eventually yields the regularity and uniqueness of the solution.

연세대학교 수학계산학부

주최: 4단계 BK21 수리과학 및 계산 교육연구단