



Stochastic Webinar



Ergodicity of 2D singular stochastic Navier—Stokes equations

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赵文浩，2023年本科毕业于北京大学，现于瑞士洛桑联邦理工学院（EPFL）攻读博士学位，导师为Martin Hairer，研究方向为概率论和随机偏微分方程。



Abstract: We establish new a priori bounds for the 2D singular stochastic Navier—Stokes equations with some general assumptions on the noise. In particular, if the noise is taken to be a small space-time white noise plus a (possibly large) perturbation with better regularity, we are able to prove an ergodic theorem for this Markov process. The main input is a novel Ansatz, for which the energy estimate works better than a naïvely chosen one. The talk is based on a joint work with Martin Hairer.

讲座时间:

2024. 04. 25 周四 下午16:00-17:00

会议地点: ZOOM会议室会议ID: 3541437366密码: 123456

主办单位:

中科院数学与系统科学研究院应用数学所

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