



北京理工大学

数学与统计学院学术报告

Control for heat equations

报告人: **Nicolas Burq** 教授 (Université Paris-Saclay)

时间: 2024.3.6 16:00-17:00

地点: 文萃楼B233

摘要: In this talk I will present some ideas allowing to transfer “propagation of smallness” results for harmonic functions into exact controllability results for heat equations. This is based on a series of joint works with I. Moyano.

报告人简介: Nicolas Burq教授是法国著名数学家, 在the control of wave and Schrödinger equations, scattering theory, nonlinear wave and Schrödinger equations, the behaviour of Laplace eigenfunctions and linear evolution equations, the free boundary water-waves system, random data PDE's and more generally randomness and PDE's等多项领域取得很多重要成果; 在 Journal of the A.M.S., Invent. Math., Acta Mathematica, Duke Math. Jour., SIAM Rev. , Geom. Funct. Anal.等权威国际期刊上发表学术文章70余篇, 谷歌学术引用7321次。