



复旦大学数学科学学院 数学综合报告会

报告题目：**Large-time Behavior of Solutions for the Compressible Navier-Stokes Equations with Large Perturbation**

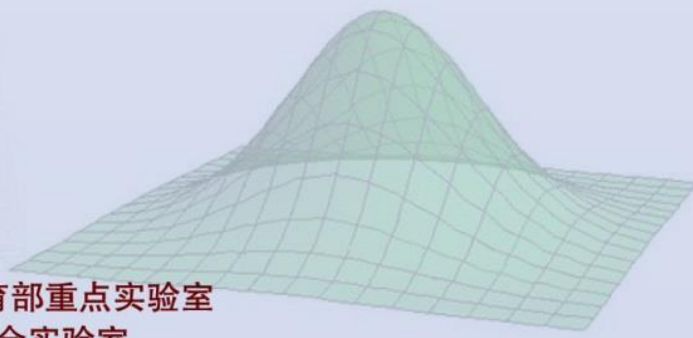
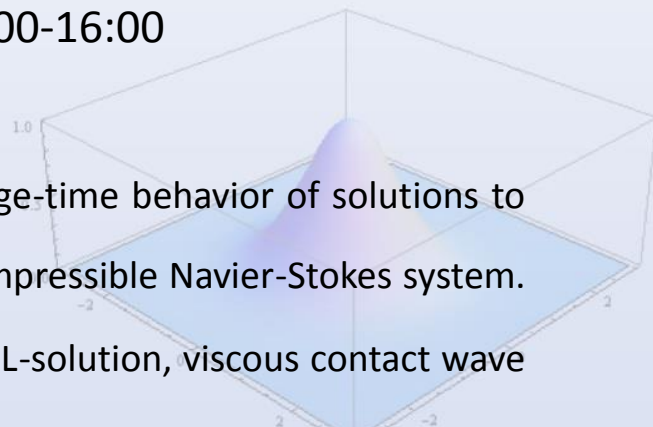
报告人：王腾 博士

(北京林业大学)

报告时间：2017-03-13 星期一 15:00-16:00

报告地点：光华东主楼 1801

摘要：In this talk, we concern with the large-time behavior of solutions to the initial boundary value problem of the compressible Navier-Stokes system. We show that the combination of transonic BL-solution, viscous contact wave with rarefaction waves for the non-isentropic polytropic gas is stable under large initial perturbation, provided the strength of the combination waves is suitably small.



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