



复旦大学数学科学学院 数学综合报告会

报告题目: On the compressible Navier-Stokes equations in the whole space: well-posedness, stability and asymptotic analysis

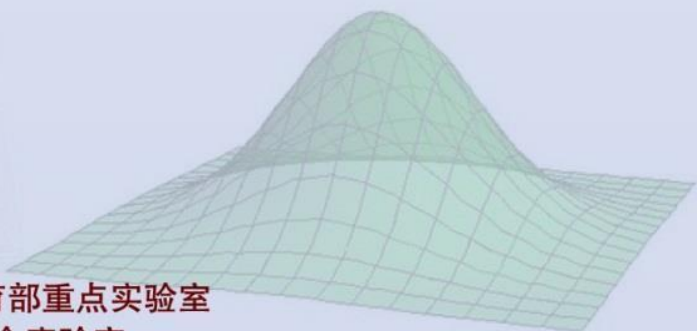
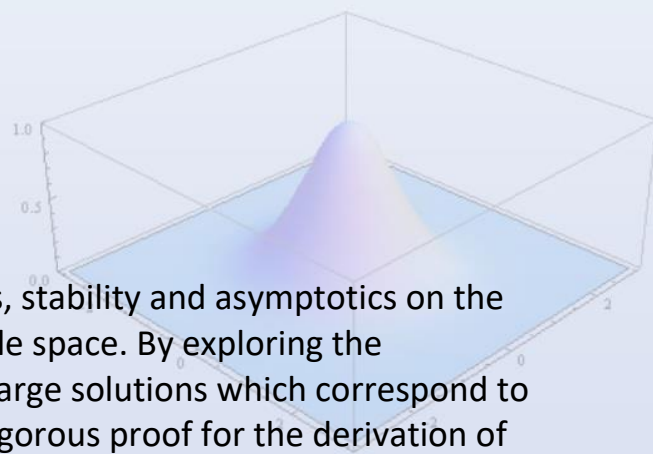
报告人: 何凌冰 教授 (清华大学)

时间: 2022-04-15 星期四 10:00 - 11:00

地点: 腾讯会议号: 643-286-692

报告摘要:

We are concerned with the global well-posedness, stability and asymptotics on the compressible Navier-Stokes equations in the whole space. By exploring the structures of the equations, we prove the global large solutions which correspond to the well-constructed initial data. We also give a rigorous proof for the derivation of the isentropic flow from the non-isentropic flow.



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