



复旦大学数学科学学院 数学综合报告会

报告题目: **Small-time global stabilization of the viscous Burgers equation with**

three scalar controls

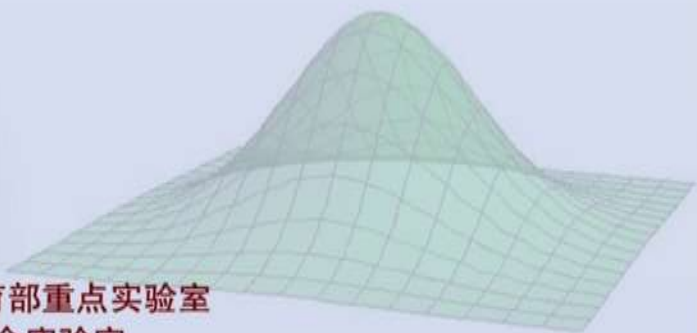
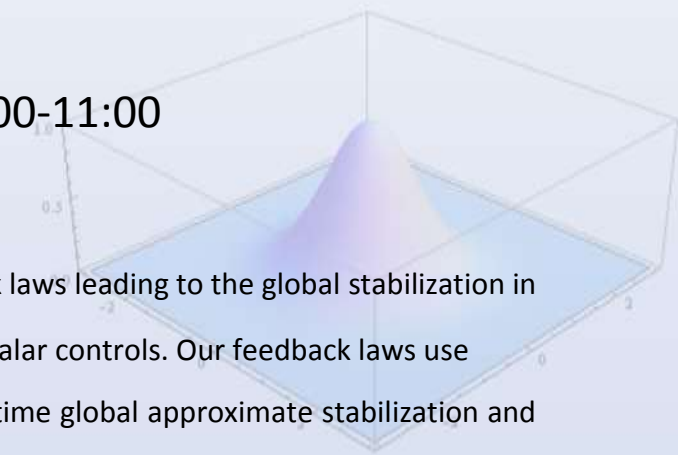
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报告时间: 2018-09-21 星期五 10:00-11:00

报告地点: 光华东主楼 1801

摘要: We construct explicit time-varying feedback laws leading to the global stabilization in small time of the viscous Burgers equation with three scalar controls. Our feedback laws use first the quadratic transport term to achieve the small-time global approximate stabilization and then the linear viscous term to get the small-time local stabilization. It is a joint work with Jean-Michel Coron.



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