



复旦大学数学科学学院 数学综合报告会

报告题目: Positive entropy and homoclinic pairs

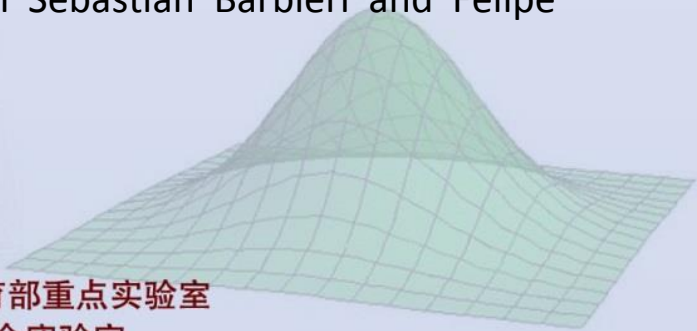
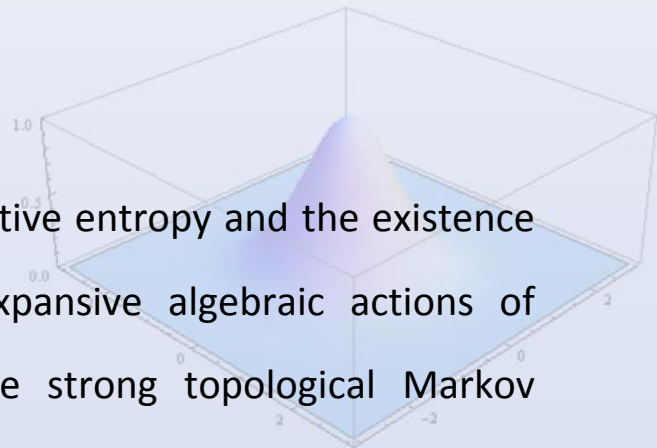
报告人: Prof. Hanfeng Li (State University of New York at Buffalo)

时间: 2020-11-19 星期四 10:00 -11:00

地点: 腾讯会议 ID: 769 361 474

报告摘要:

I will discuss the relation between positive entropy and the existence of non-diagonal homoclinic pairs for expansive algebraic actions of amenable groups. The main tool is the strong topological Markov property. It turns out that these two conditions are equivalent for expansive finitely presented algebraic actions of amenable groups which satisfy the strong Atiyah conjecture and have a bound for the orders of finite subgroups. This is joint work with Sebastian Barbieri and Felipe Garcia-Ramos.



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