



## 复旦大学数学科学学院 数学综合报告会

报告题目: Generalized wreath products and rigidity of their von Neumann algebras

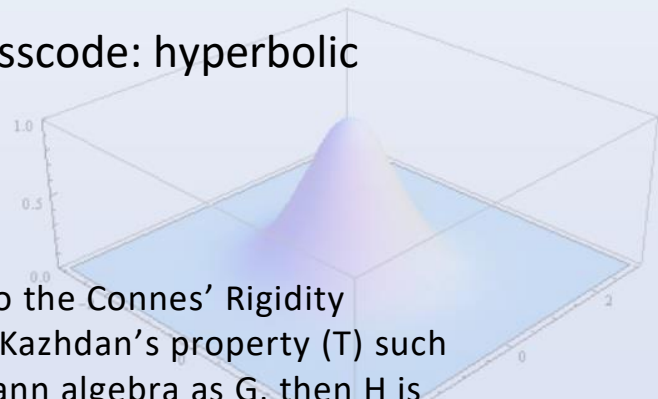
报告人: Bin Sun (Oxford University)

时间: 2022-06-09 星期四 15:00-17:00

地点: ZOOM Id: 956 0945 4208 Passcode: hyperbolic

报告摘要:

We construct the first positive examples to the Connes' Rigidity Conjecture, i.e., we construct groups  $G$  with Kazhdan's property (T) such that if  $H$  is a group with the same von Neumann algebra as  $G$ , then  $H$  is isomorphic to  $G$ . In this talk, I will focus on the group theoretic side of this result and talk about how we applied geometric group theory to solve problems from von Neumann algebra.



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