



## 复旦大学数学科学学院 数学综合报告会

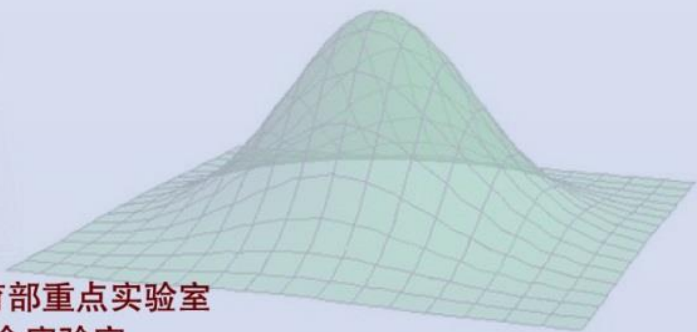
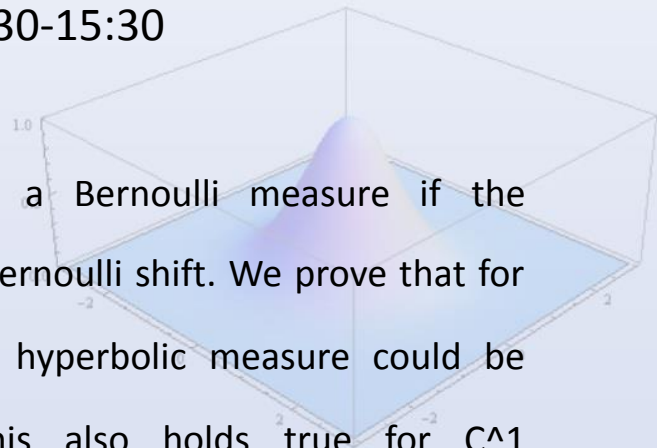
报告题目：**Approximation of Bernoulli measures for non-uniformly hyperbolic systems**

报告人：廖刚 教授  
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报告时间：2016-10-31 星期一 14:30-15:30

报告地点：光华东主楼 1801

摘要：An invariant measure is called a Bernoulli measure if the corresponding dynamics is isomorphic to a Bernoulli shift. We prove that for  $C^{1+\alpha}$  diffeomorphisms any weak-mixing hyperbolic measure could be approximated by Bernoulli measures. This also holds true for  $C^1$  diffeomorphisms preserving a weak-mixing hyperbolic measure and the Oseledets decomposition with respect to the measure is dominated.



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