



复旦大学数学科学学院  
**数学综合报告会**

报告题目: **Periodic Orbits and Atomic Measures for Non-uniformly Hyperbolic Systems**

报告人: **孙文祥 教授**  
(北京大学)

报告时间: 2016-07-14 星期四  
16:00-17:00

报告地点: 光华楼东主楼 1801

摘要: For non-uniformly hyperbolic systems I talk three properties: 1. Periodic orbits are dense in the support of a hyperbolic measure; 2. Atomic measures supported on periodic orbits are dense in the space of hyperbolic measures; 3. Lyapunov exponents of atomic measures are dense in that of all hyperbolic measures. I also talk one of the applications: periodic growth rate.

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