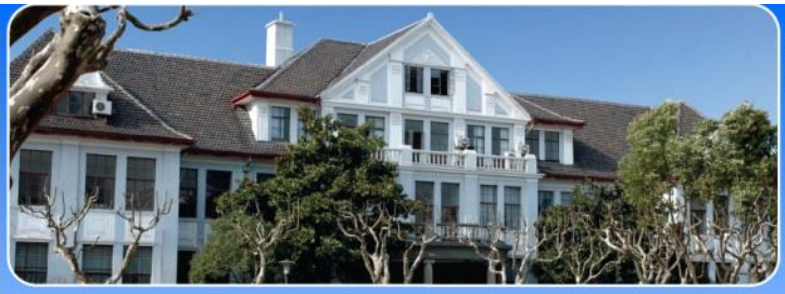


复旦大学数学科学学院
数学综合报告会

报告题目：Existence and finiteness of physical measures for star flows

报告人：张金华（北京航空航天大学）

时间：2020-11-27 星期五 9:30-10:30

地点：腾讯会议 ID：879 7009 4494

报告摘要：

Star flows are considered as “most” hyperbolic systems when the systems exhibit singularities. For hyperbolic systems, Sinai, Rulle and Bowen showed that there exists finitely many physical measures and their basins have full Lebesgue-measure. Palis conjectured that most systems should exhibit finitely many physical measures and their basin cover the whole manifold in the sense of Lebesgue measure. In this talk, we will discuss the Palis conjecture for star flows. This is based on a joint work with S. Crovisier, X. Wang and D. Yang.

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