



复旦大学数学科学学院 数学综合报告会

题目: Weak KAM Theory and Its Applications

报告人: 王楷植 (上海交通大学)

时间: 7月24号(周三) 15:30-16:20

地点: 光华楼东主楼 1801

摘要: First, I will give a short introduction of classical weak KAM theory for Hamiltonian systems, which was established by Albert Fathi. Then I will talk about recent developments of the weak KAM theory for contact Hamiltonian systems, and applications of the weak KAM theory to mean field games. This talk is based on joint work with Piermarco Cannarsa, Wei Cheng and Cristian Mendico, Lin Wang and Jun Yan.

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