



复旦大学数学科学学院 数学综合报告会

报告题目: **Optimal transport and gradient flows on metric measure spaces**

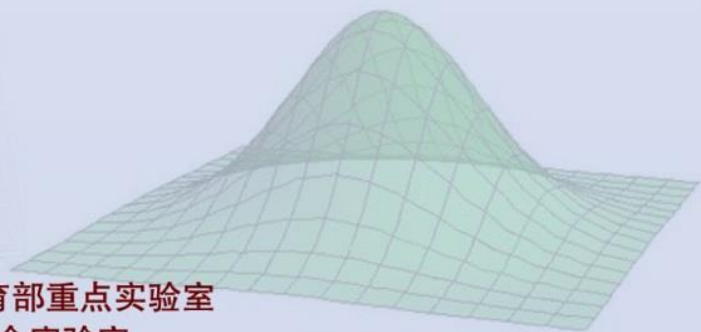
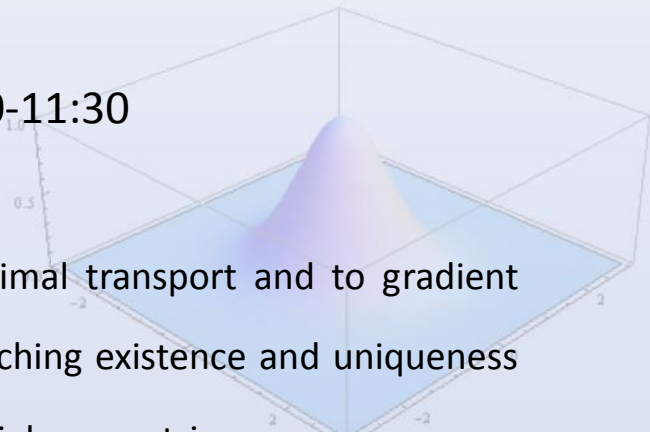
报告人: Prof. Dr. Karl-Theodor Sturm

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报告时间: 2017-05-24 星期三 10:30-11:30

报告地点: 光华东主楼 1501

摘要: We give brief introductions to optimal transport and to gradient flows on metric spaces. We present a far reaching existence and uniqueness result for gradient flows of semiconvex potentials on metric measure spaces. And we illustrate how to derive the Neumann heat flow on non-convex domains as a gradient flow of the Boltzmann entropy.



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