

中国科学院

随机复杂结构与数据科学重点实验室

学术报告

题目: A first order calculus in the Wasserstein space, and in Alexandrov spaces

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时间: 2023 年 7 月 20 日 (周四) 10:40-11:40

地点: 数学院 N613

摘要: We introduce the concept of tangent cones, first variation formula and a non-smooth calculus on general Alexandrov space with synthetic curvature bounded from below by zero. Then we focus on extra properties in the special case of Wasserstein space.

This will be used to handle singularity structures in the hydrodynamic limit problem.