



## 复旦大学数学科学学院 数学综合报告会

### 数学所综合报告

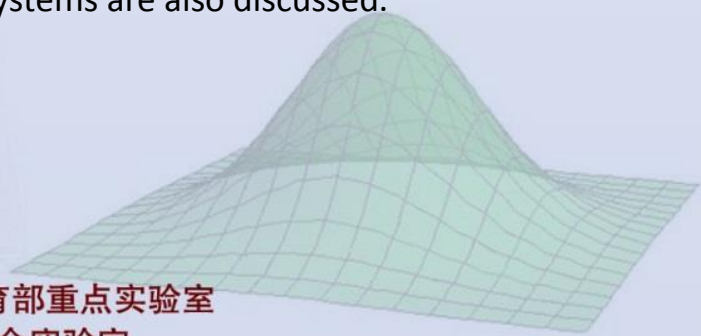
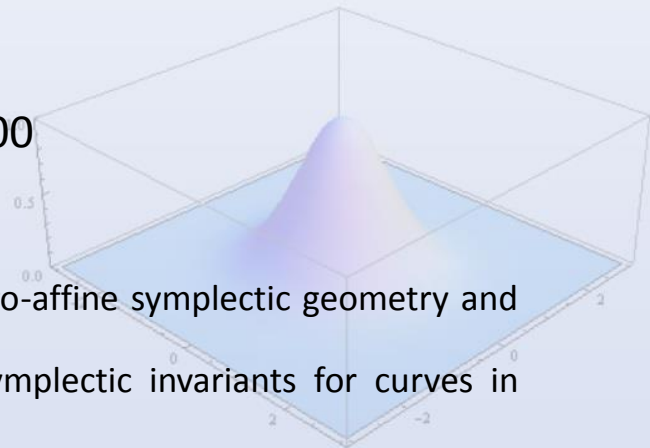
报告题目: Integrable Systems and Invariant Geometric Flows in  
Certain Geometries

报告人: 屈长征 教授  
(宁波大学)

时间: 2017-09-20 星期三 16:00-17:00

地点: 光华东主楼 1801

摘要: In this talk, invariant curve flows in centro-affine symplectic geometry and symplectic Grassmannian space are studied. Symplectic invariants for curves in those geometries are derived by developing the moving frame method. It is shown that several integrable systems arise naturally from the intrinsic curve flows in centro-affine symplectic geometry and symplectic Grassmannian space. The integrability and solutions to those integrable systems are also discussed.



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