



复旦大学数学科学学院 数学综合报告会

创新研究群体学术报告

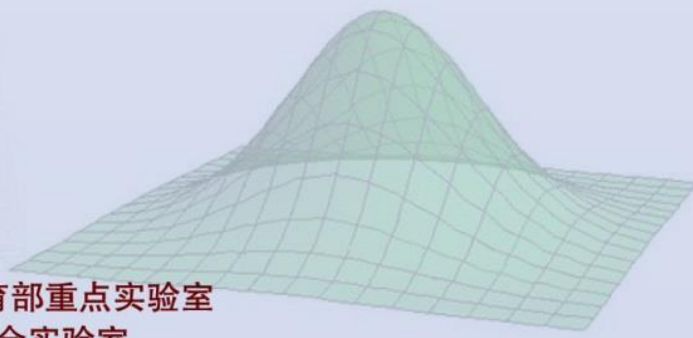
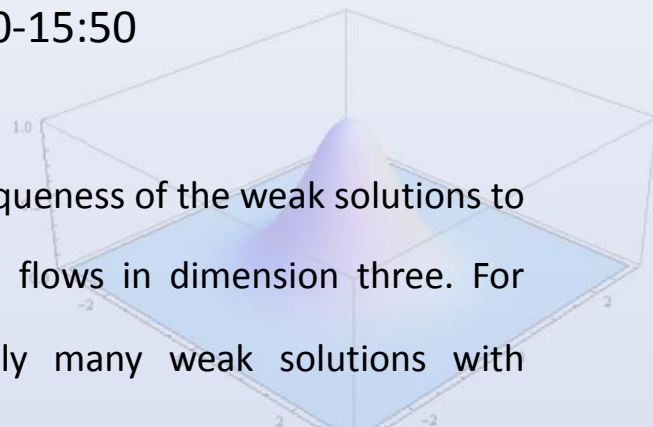
报告题目: **Nonuniqueness of weak solutions to the nematic liquid crystal flows**

报告人: 黄涛 (上海纽约大学)

报告时间: 2016-11-22 星期二 15:00-15:50

报告地点: 光华东主楼 1501

摘要: In this talk, we will discuss the nonuniqueness of the weak solutions to a simplified model of nematic liquid crystal flows in dimension three. For suitable initial data, we construct infinitely many weak solutions with bounded energy, while all the solutions are in the axisymmetric class with "backward bubbling" at a large time. This is joint work with Huajun Gong and Jinkai Li.



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