



## 复旦大学数学科学学院 数学综合报告会

报告题目: **Realization of a unitary gate, e.g. Fredkin, by given Hamiltonian**

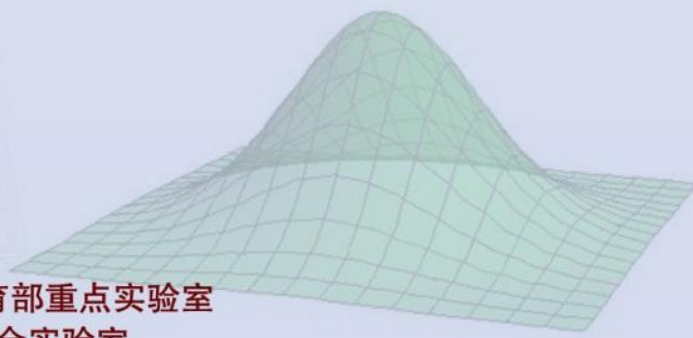
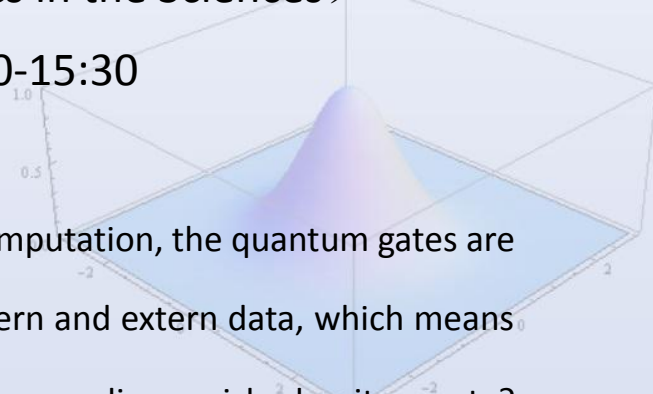
报告人: Prof. Xianqing Li-Jost

(Max Planck Institute for Mathematics in the Sciences)

报告时间: 2017-04-20 星期四 14:30-15:30

报告地点: 光华东主楼 1801

摘要: In Quantum information and quantum computation, the quantum gates are very important. If the labor has a system with intern and extern data, which means the Hamiltonian is given by the system, how can we realize a wished unitary gate? We use analysis method to try to solve this question.



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