



复旦大学数学科学学院 数学综合报告会

报告题目：随机分析与数学物理Workshop系列报告二：
Stability of the stochastic Ginzburg-Landau systems

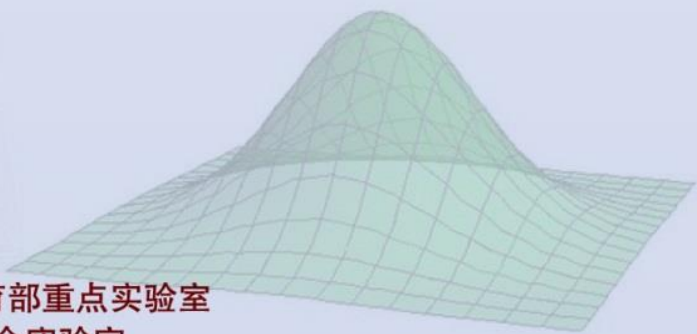
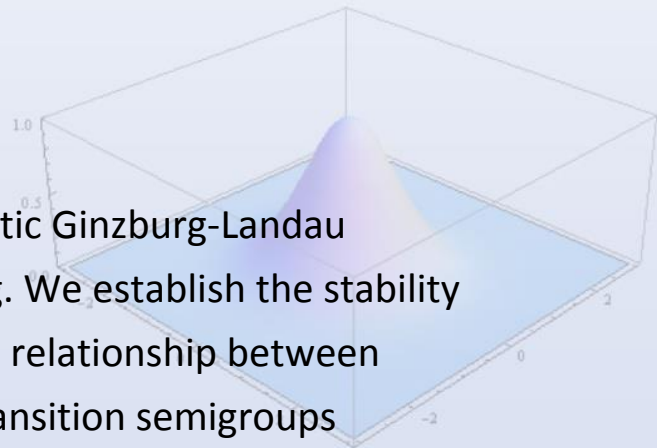
报告人：郑言 副教授 (国防科技大学文理学院)

时间：2021-07-10 星期六 15:00--15:40

地点：光华楼东主楼2001室

报告摘要：

This talk is concerned with the 3D stochastic Ginzburg-Landau equation with degenerate random forcing. We establish the stability of stochastic systems by investigating the relationship between invariant measures under the action of transition semigroups corresponding to different set of parameters. Towards this aim a new form of bound on the difference between solutions along with the spectral gap plays a significant role.



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