



复旦大学数学科学学院 数学综合报告会

报告题目: **Burke's theorem and its extension to Brownian queue and generalized Brownian queue**

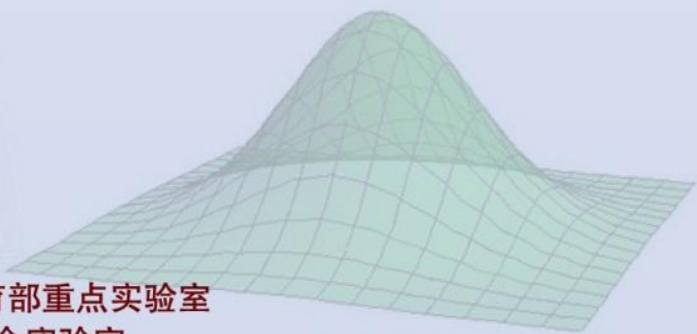
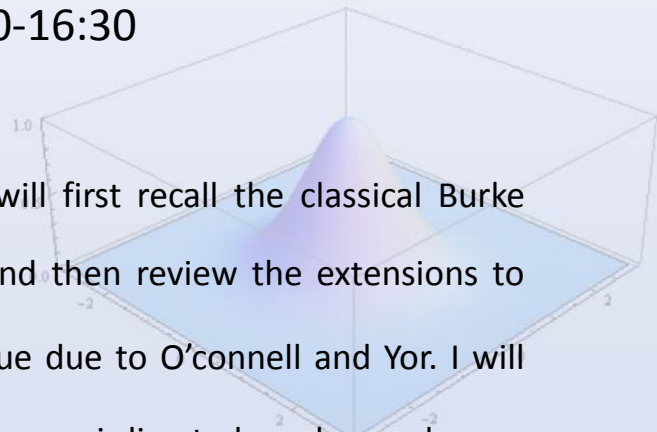
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报告时间: 2017-06-09 星期五 15:30-16:30

报告地点: 光华东主楼 2001

摘要: This is an introductory survey talk. I will first recall the classical Burke theorem in the simple M/M/1 queue model, and then review the extensions to Brownian queue and generalized Brownian queue due to O'Connell and Yor. I will explain some first order asymptotic behaviors for semi-directed random polymers as a direct application.



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