

概率论系列报告

报告题目 (Title) : Minkowski Content for Brownian cut points

报告人 (Speaker) : Xinyi Li (李欣意) 博士 University of Chicago

时间 (Time) : 9月4日(周一)下午 3:00-4:00

地点 (Venue) : 北京大学理科一号楼 1303

摘要 (Abstract) : Consider 2 or 3-dimensional Brownian motion. We prove that the Minkowski content of the set of its cut points is a.s. finite and non-trivial. If time permits, I will also explain how we identify the Minkowski content with the scaling limit of the counting measure of pivotal points for percolation on the triangular lattice in the 2-dimensional case. This is a joint project with Nina Holden, Greg Lawler and Xin Sun.

欢迎参加