

概率论系列报告

报告题目 (Title): Central Limit Theorems for Supercritical
Branching Markov Processes

报告人 (Speaker): 宋仁明 教授 University of Illinois

时间 (Time): 6月3日(周一)下午 4:00-5:00

地点 (Venue): 北京大学理科一号楼 1479

摘要 (Abstract): We establish spatial central limit theorems for a large class of supercritical branching Markov processes with general spatial-dependent branching mechanisms. These are generalizations of the spatial central limit theorems proved in Adamczak and Milos (2011) for branching OU processes with binary branching mechanisms. Compared with the results of Adamczak and Milos (2011), our central limit theorems are more satisfactory in the sense that the normal random variables in our theorems are non-degenerate. The talk is based on a joint work with Y.-X. Ren and R. Zhang.

欢迎参加