



# 北京理工大学

## 数学与统计学院学术报告

### Potential theory of Markov processes degenerate at the boundary

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**时 间:** 2024年06月06日 15:30-16:30

**地 点:** 文萃楼F101

**摘要:** In this talk, I will give a survey of the recent progress in the study of the potential theory of purely discontinuous Markov processes with jump kernels degenerate at the boundary. The jump kernel can be degenerate in two different senses: either they tend to 0 at the boundary or they blow up at the boundary. Most of the results I am going to talk about in this talk are based on joint papers with Panki Kim and Zoran Vondracek, and other results are based on two joint papers with Soobin Cho, Panki Kim and Zoran Vondracek.