



复旦大学数学科学学院
数学综合报告会

报告题目: **Intrinsic ultracontractivity of symmetric jump processes on unbounded open sets**

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报告地点: 光华东主楼 2001

摘要: We will study the intrinsic ultracontractivity for a large class of symmetric jump processes killed on exiting an unbounded open set. We will provide some examples to show that our criteria are sharp in some sense, and in particular, for the horn-shape region, a two-side estimate for the associated ground state will also be given. The talk is based on a joint work with Xin Chen and Panki Kim.

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