

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : 金璟允 Dr. Kyung-youn Kim (本所 Academia Sinica)

Title : **Estimates of heat kernel for symmetric Markov processes.**

Abstract :

We consider large classes of symmetric pure jump Markov processes. The first processes are dominated by isotropic unimodal Lévy processes with weak scaling conditions, and we establish sharp two-sided heat kernel estimates for these in $C^{1,1}$ open sets. The second processes are anisotropic Markov processes, and we establish sharp two-sided heat kernel estimates for these in \mathbb{R}^d .

Time : 11:00 - 12:30, Wednesday, November 7, 2018

Venue : Room 638, Astro-Math. Buidling (NTU Campus)

Organizer : Sheng-Fu Chiu (Academia Sinica), Chien-Hsun Wang (National Center for Theoretical Sciences)

Refreshment : 10:30

https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html

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