

國立中山大學應用數學系

學術演講

講者：Kyung-Youn Kim (中興大學)

講題：Stability of heat kernel estimates under non-local Feynman-Kac perturbation

時間：2024/03/21 (Thursday) 14:10~15:00

地點：理 SC 4009-1 教室 (線上與實體同步進行)

Google Meet Link: <https://meet.google.com/evg-ukyx-opd>

Abstract

For any Hunt process X_t , a Feynmann-Kac semigroup of X is given by

$$T_t f(x) = \mathbf{E}_x[\exp(C_t) f(X_t)]$$

where C_t is an additive functional of X_t . We consider discontinuous Markov process with diffusion part X and prove the stability of heat kernel under non-local Feynmann-Kac perturbation. Also we discuss the parabolic Harnack principle of the Feynmann-Kac semigroup. This is joint work with Zhen-Qing Chen and Lidan Wang.

敬請公告！歡迎參加！

應用數學系：<http://math.nsysu.edu.tw>

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