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Title: Neutral stochastic differential equations driven by Brownian motion and fractional Brownian motion in a Hilbert space

Author(s): Weiguo Liu and Jiaowan Luo

A class of mixed neutral stochastic differential equations involving Brownian motion and fractional Brownian motion is considered. The existence, uniqueness and exponential stability for the solutions of these equations are discussed by means of semigroup of operator and the fixed point principle under some suitable assumptions. Our results extend and improve those of [2] and [11].

Address:

Weiguo Liu
School of Mathematics
and Information Sciences
Guangzhou University
Guangzhou, Guangdong, 510006
P.R. China

Address:

Jiaowan Luo
School of Mathematic
and Information Sciences
Guangzhou University
Guangzhou, Guangdong, 510006
P.R. China