

Blowup behaviour of a fractional stochastic partial differential equation perturbed by a mixture of Brownian and fractional Brownian motion.

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We study the blowup behaviour of a semilinear partial differential equation driven by a mixture of Brownian and fractional Brownian motion. We give estimates for the probability of finite time blowup and a blowup before a given fixed time. We show the influence of the biggest eigenvalue of the generator and the other parameters of the equation on the occurrence of a blowup in finite time .

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