

Abstract:

Some models of probabilities are decrypted by generalized stochastic equations. These models (such that of the prediction) lead to the resolution of boundary problems for random generalized equations. We are interested in the equation $L\xi = \eta$ in an open $d S \subseteq \mathbb{R}^d$, where L is an linear operator, and ξ and η are random distributions and with the class of boundary conditions $\Gamma \supseteq \partial S$ which it is necessary to define for the corresponding boundary conditions