

## Stochastic Equations In Infinite Dimensions

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Therefore, we omit it. 2. A comparison theorem in infinite dimensions In this section we prove a comparison theorem for solutions of the following (formal) Dirichlet problem:  $u(t, x) = 2(Au)(t, x) + f(u(t, x)) + 6(u(t, x)) - \tilde{u}(t, x)$ ,  $x \in (L, M)$ ,  $t > 0$ , at  $(D) u(0, x) = \tilde{u}(x)$ ,  $x \in [L, M]$ ,  $u(t, L) = q_1(L)$ ,  $u(t, M) = t_0(M)$ ,  $t \geq 0$ .

Comparison theorems for stochastic differential equations ...

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