

Seminário de sistemas dinâmicos e estocásticos

Departamento de Matemática - IMECC - UNICAMP

On the Stochastic Transport Equation

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Resumo:

We study in this talk the existence and uniqueness of solutions to a class of stochastic transport equations with irregular coefficients. Also we will present results on the regularity of the law of the solution via I. Nourdin and F. Viens criterium. Finally, we study the asymptotic behavior of the solutions with strongly oscillating coefficients, we improve the E. De Giorgi conjecture for the deterministic case.

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Local: Sala 121 do IMECC.

Consulte a programação em [www.ime.unicamp.br/ssde]