

Seminário de sistemas dinâmicos e estocásticos

Departamento de Matemática - IMECC - UNICAMP

Probabilistic representation for mild solution of Navier-Stokes equations

Christian Olivera
IMECC - UNICAMP

Resumo:

This talk is based on a formulation of the Navier-Stokes equations developed by Iyer and Constantin, where the velocity field of a viscous incompressible fluid is written as the expected value of a stochastic process. Our contribution is to establish this probabilistic representation formula for mild solutions of the Navier-Stokes equations on R^d .

Data: Sexta-feira, 18 de maio de 2018, 13:30hs.

Local: Sala 321 do IMECC.

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