Mês de: Fevereiro 2008

SEMINÁRIOS DE ANÁLISE

Dia 20 de Fevereiro (quarta-feira), às 16h, na Sala B3-01

The 2D Euler equations and the statistical transport equations

(Joint work with F. Cipriano (GFM e Dep. de Matemática, FCT-UNL))

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Abstract:

We prove the existence of weak solutions for the forward and backward statistical transport equations associated with the 2D Euler equations. Such solutions can be interpreted, respectively, as a statistical Lagrangian and a statistical Eulerian description of the motion of the fluid.

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