



Mês de: Outubro 2010

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 28 de Outubro (quinta-feira), às 14h15, na Sala B3-01

“Existence of strong solutions for a two scale model of reaction-diffusion equations”

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Abstract:

I present a two scale model for fluid flow in fractured porous media.

The characteristics of the geometry have to be discussed and I will construct an appropriate mathematical setting. Then local existence of strong solutions to this problem is shown using maximal regularity results.

This is jointed work with Joachim Escher (Leibniz University Hanover)

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