



Mês de: **OUTUBRO 2012**

**SEMINÁRIO DE ANÁLISE E EQUAÇÕES
DIFERENCIAIS**

Dia 18 de Outubro (quinta-feira), às 13h30, na Sala B3-01

The global solvability of initial-boundary value problem for nondiagonal parabolic systems

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Abstract:

In this talk, we study the quasi-linear non-diagonal parabolic type systems. We assume that the principal elliptic operator, which is part of the parabolic system, has a divergence structure. Under certain conditions it is proved the well-posedness of classical solutions, which exists globally in time.

Joint work with Mikhail Vishnevskii.

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