

# Seminário de sistemas dinâmicos e estocásticos

Departamento de Matemática - IMECC - UNICAMP

## One criterion of the renormalization property for generalized solutions of multidimensional transport equations with discontinuous coefficients.

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### Resumo:

We study the renormalization property for a multidimensional evolutionary transport equation with general solenoidal field of coefficients. It is shown that this property is equivalent to skew-selfadjointness of the corresponding divergence operator in the Hilbert space of square-integrable functions.

**Data:** Sexta-feira, 28 de novembro de 2014, 15:00hs.

**Local:** Sala 321 do IMECC.

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