



Mês de: Novembro 2009

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 5 de Novembro (quinta-feira), às 14h15, na Sala B3-01

“Celebrating the 100th anniversary of N.N. Bogoliubov (1909-1992)”

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Abstract:

Originally, the Bogoliubov or generating functionals were introduced by N. N. Bogoliubov to define correlation functions for statistical mechanics systems. However, apart from this specific application, the Bogoliubov functionals are, by themselves, a powerful technical tool in infinite dimensional analysis allowing to reduce measure theory problems to functional analysis ones. This yields a new method in measure theory as well as new applications in functional analysis.

Concrete applications of these functionals to the study of equilibrium and non-equilibrium stochastic dynamics of continuous infinite particle systems are discussed as well.

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