



Mês de: Dezembro 2009

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 21 de Dezembro (segunda-feira), às 14h15, na Sala B2-01

“Gross Laplacian acting on white noise operators”

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Abstract:

In this talk, we introduce a noncommutative extension of the Gross Laplacian, called quantum Gross Laplacian, acting on some with noise operators. For this purpose, we use a characterization theorem between this class of operators and their analytical symbols. Applying the quantum Gross Laplacian to the particular case where the operator is the multiplication one, we establishes a relation between the classical and the quantum Gross laplacian.

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