



Mês de: Dezembro 2009

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 10 de Dezembro (quinta-feira), às 15h, na Sala B3-01

“Generalized subdifferentials and their relationships”

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Abstract:

In this talk, several new results on relationships between different generalized subdifferentials will be discussed. In particular, it will be shown how limiting subdifferentials (such as Clarke and Mordukhovich ones) can be expressed via exhausters and the directed subdifferential of a DC function. These relationships allow one to use exact calculus rules of exhausters and the directed subdifferential to evaluate limiting subdifferentials in finite dimensions for a large class of nonsmooth functions.

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