



Mês de: Dezembro 2011

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 15 de Dezembro (quinta-feira), às 13h30, na Sala B3-01

“Hölder continuity of $p(x)$ -superharmonic functions”

Abdeslam Lyaghfour

(Fields Institute, University of Toronto)

Abstract:

This talk is about the equation $-\Delta_{p(x)} u = \mu$, where $p(x)$ is a measurable function and μ is a nonnegative Radon measure. I will describe a result about the relationship between Hölder continuity of u and the growth of the measure μ . This result is already known for the Laplacian and the p -Laplacian with p constant.

Local:
Instituto para a Investigação Interdisciplinar
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

