



Mês de: MARÇO 2012

**SEMINÁRIO DE ANÁLISE E EQUAÇÕES
DIFERENCIAIS**

Dia 8 de Março (quinta-feira), às 13h30, na Sala B3-01

Relaxation in SBV for constrained-valued fields

Graça Carita

(Dep. Matemática, Universidade de Évora)

Abstract:

An integral representation formula for a class of functionals defined in the space of special functions of bounded variation and where the admissible fields are constrained to remain on the sphere S^{d-1} is obtained. The main motivation for this analysis is the use of constrained energy functionals of this kind in variational models for the study of equilibria of magnetostrictive materials.

This is a joint work with Irene Fonseca and Giovanni Leoni.

Local:
**INSTITUTO PARA A INVESTIGAÇÃO
INTERDISCIPLINAR**
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

