



**Centro de Investigação em Matemática e Aplicações
Departamento de Matemática**

Seminário

**7 de Fevereiro de 2011, Segunda-feira
CLAV – Anf. 4 - 11:00 horas**

Sufficient Conditions for lower semicontinuity in SBD for surface integrals

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Resumo

The problem of the lower semicontinuity in SBD for general surface integrals is still an open problem, but it is very interesting from the view point of the many applications to Fracture Mechanics. Some particular energies will be considered in this talk, starting from some numerical and experimental results, thus providing a mathematical justification to the computationally experimented lower semicontinuous behaviour.