

UNICAMP – IMECC
Departamento de Matemática

Seminário de Sistemas Dinâmicos e Estocásticos

Expositor: Ph. Thiullen (Université Bordeaux 1)

Título: Weak KAM theory and partial differential equations

Data: Sexta-feira, 17 de setembro de 2010, 13h30min

Local: Sala 321 do IMECC

Resumo. We will review in this lecture different technics to obtain the existence of viscosity solutions in the theory of Hamilton-Jacobi equations and Control Theory using the dynamical weak KAM approach developed by A. Fathi and L. Evans. The lecture is based on Evan's article published in *Differential Equation Lecture Notes in Mathematics*, 2008.

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