

SEMINARIO  
OPTIMIZACIÓN Y EQUILIBRIO

Expositor

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Title

Optimal control of the sweeping process over polyhedral controlled sets

**Abstract.**

The talk concerns a new class of optimal control problems governed by the dissipative non-Lipschitzian differential inclusion of the sweeping/Moreau process over a moving controlled polyhedral set. Using the method of discrete approximations and generalized differential tools of variational analysis, we derive necessary optimality conditions for this problem expressed in terms of the initial data of the moving convex polyhedron.

Miércoles 28 de Agosto del 2013, a las 16 : 30 hrs. Sala Multimedia Sexto Piso.