

Seminar Optimization and Equilibrium

Speaker: Prof. Emilio Vilches Instituto de Ciencias de la Ingeniería, Universidad de O'Higgins, Chile

Title: An overview of Sweeping Processes with applications.

Abstract: The Moreau's Sweeping Process is a first-order differential inclusion, involving the normal cone to a moving set depending on time. It was introduced and deeply studied by J.J. Moreau in the 1970s as a model for an elastoplastic mechanical system. Since then, many other applications have been given, and new variants have appeared. In this talk, we review the latest developments in the theory of sweeping processes and its variants. We highlight open questions and provide some applications.

Enlace de la Conferencia: <https://meet.google.com/toh-nxch-fhb>
Miércoles, 26 de agosto a las 10 Horas (16:00 en Europe)
<https://eventos.cmm.uchile.cl/optimseminar/>