SEMINARIO DE MATEMÁTICA APLICADA

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Some Problems of Heteroclinic Dynamics

Many biological, cognitive and other systems manifest a sequential dynamics that can be treated as a process of switching among metastable sets in the phase space. In the simple case the metastable sets are represented by saddle equilibrium points and switching is determined by joining them heteroclinic trajectories. It is supposed to speak in the talk about such models beginning with sequential dynamics in the generalized Lotka-Volterra systems and ending by binding and chunking dynamics.

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Lugar: Aula 209 (Semianrio Alberto Dou)
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