

SEMINARIO

OPTIMIZATION AND EQUILIBRIUM

EXPOSITOR

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TITULO

**Stability of Hamiltonian systems which are close to integrable :
introduction to KAM and Nekhoroshev theory**

Abstract:

We give a panorama of classical theories of stability of Hamiltonian systems close to integrable which are of two kind :

- Stability in measure over infinite time (KAM theory).
- Effective stability over finite but very long time (Nekhoroshev theory)

Miércoles 29 de Marzo del 2017, a las 16:30 hrs. , Sala de Seminarios John Von Neumann CMM, Séptimo Piso, Torre Norte, Beauchef 851.

