



McMaster University



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# **THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES**

## **SEMINAR SERIES ON CONTROL THEORY**

**SPEAKER:**

**TUDOR RATIU  
University of California, Santa Cruz**

The Second of Two Talks: Part II

### **"Stability and Instability via Geometric Methods"**

This talk will review the energy-Casimir method and the energy-momentum method for proving Liapunov stability of relative equilibria. If any of these methods fail, a sufficient condition for dissipation induced instability will be presented.

**Friday, March 27, 1992 at 11:00am, room 3013**

**at**

**The Fields Institute**

(Uni-Park 3,185 Columbia Street West, Waterloo)