McMaster University   University of Toronto   University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

GEOMETRIC MECHANICS SEMINARS

SPEAKER:

WILLIAM F. SHADWICK
University of Waterloo and
The Fields Institute

On the Topic:

"An Optimal Control Problem for Curves in Euclidean Three Space"

The method of moving frames determines a differential system on the Euclidean group. (The differential system defines the Frenet frames). The problem of extremizing the integral of curvature squared for this system will be discussed using the method of Griffiths and Bryant.

Tuesday, February 16, 1993

3:30 pm, room 3018

at

The Fields Institute