THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

GEOMETRIC MECHANICS SEMINARS

SPEAKER:

WILLEM SLUIS
The Fields Institute

The Second of Two Parts On the Topic: (Part I presented by William F. Shadwick)

"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, March 2, 1993

3:30 pm, room 3018

at

The Fields Institute