

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

SEMINAR SERIES ON CONTROL THEORY

SPEAKER: MIKE ENOS

The third in a series of four seminars on the topic

**The Time-Optimal Problem for a Force-Free System
of Two Symmetric Rigid Bodies in Three Space - Part II**

will be held

Wednesday, October 30, 1991 at 3:30 p.m.

in

**Davis Centre 2577
University of Waterloo**

In this third talk, we obtain the Euler-Lagrange equations resulting from our quaternion formulation of this problem. Using geometric observations, we solve these ODEs in closed form.