

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

SEMINAR SERIES ON CONTROL THEORY

SPEAKER: MIKE ENOS

The last in the 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, November 6, 1991 at 3:30 p.m.

in

**MC 6091A
University of Waterloo**

In the last talk, we discuss issues involved in obtaining a complete solution of our problem, given the family of stationary motions obtained last time. In particular, we give partial results on the classification of these motions and the comparison of their associated costs. We will conclude by making a conjecture about the geometric nature of the minimizing properties of these motions.