



McMaster University



University of Toronto



University of Waterloo

## THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

### GENERAL SEMINAR SERIES IN DYNAMICAL SYSTEMS

#### SPEAKER:

**DAVID SIEGEL**  
University of Waterloo  
and The Fields Institute

#### On the Topic:

#### "Some Problems in Chemical Kinetics"

First some background will be given on the mathematical formulation for studying the dynamics of homogeneous constant temperature systems of chemical reactions. Then results under two headings will be discussed: (1) determining which systems have regular dynamics (all solutions tend to an equilibrium point) and (2) determining whether or not solutions depend in a monotone way on initial conditions.

**Thursday, February 4, 1993**

**1:30 pm, room 3018**

**at**

**The Fields Institute**

185 Columbia Street West, Waterloo, Ontario N2L 5Z5 Telephone: (519) 725-0096 Fax: (519) 725-0704

Supported by the Ministry of Colleges and Universities of Ontario and the Natural Sciences and Engineering Research Council of Canada