



McMaster University



University of Toronto



University of Waterloo

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

Presents A Short Course

on

“ADVANCED DIGITAL CONTROL”

Lecturers:

Professor Tongwen Chen,
(Electrical Engineering, University of Calgary)

Professor Bruce Francis
(Electrical Engineering, University of Toronto)

Lab Instructor:

Dr. Jacob Apkarian
(SPAR Aerospace)

*10-12
each day*

Sunday, May 3 - Thursday, May 7, 1992

Recent advances in mathematics and control theory have led to a reasonably complete and practical analysis and design technique for analog control systems. On the other hand, most industrial controllers are digital. The purpose of this course is to extend the analog design techniques to the digital domain.

This course is addressed to graduate students in engineering and applied mathematics. It features a hands-on digital control experiment.

Format: Eight 1-hour lectures
 One 2-hour lab on Tuesday

Limited financial support is available for graduate students.

Please register for the above no later than April 24, 1992.
Return the attached registration form by fax at (519)725-0704 or
e-mail: digital@fields.waterloo.edu and include **name, mailing address,**
e-mail address and fax number.