

The Hong Kong Polytechnic University Department of Applied Mathematics

Seminar on

Recent Trends In Discrete Boundary Value Problems

by

Prof. Ravi P. AGARWAL Florida Institute of Technology Melbourne, FL 32901, USA

Abstract

We shall present our recently established existence theory for the second order discrete boundary value problems. For the positone, nonpositone (semi-positone), singular, and semi-infinite interval problems we shall present examples which illustrate how easily the theory can be applied in practice. Some results for the discrete p-Laplacian and the discrete equations in abstract spaces will also be discussed.

Date : 14 July 2006 (Friday)

Time : 3:00 – 4:00 p.m.

Venue : Departmental Conference Room HJ610 The Hong Kong Polytechnic University

The Friday tea gathering will start right after the seminar

* * * ALL ARE WELCOME * * *