City University of Hong Kong
Centre for Chaos Control and Synchronization

香港城市大學
混沌控制與同步學術研究中心

THE HONG KONG
POLYTECHNIC UNIVERSITY
DEPT. OF ELECTRONIC & INFORMATION ENGINEERING

香港理工大學
電子及資訊工程學系

Jointly presents

SEMINAR SERIES
ON
CHAOS AND SYSTEMS CONTROL

Fridays, 14 September 2001 – 21 December 2001, 4:00 pm – 5:00 pm
Room B6605, City University of Hong Kong
Room CD634, Hong Kong Polytechnic University

Provisional Schedule

THE CENTRE FOR CHAOS CONTROL AND SYNCHRONIZATION at the City University of Hong Kong and the Department of Electronic and Information Engineering at the Hong Kong Polytechnic University continue their joint seminar series in this semester, to present tutorial overviews and original research work in the general areas of chaos and bifurcation, systems control, and their engineering applications. A list of tentative topics and schedule is as follows:

14 Sept 2001 G.R. Chen, CityU: *Designing simple chaos generators via feedback* (Venue: Room CD634, PolyU)

21 Sept 2001 C.K. Tse, HKPolyU: *Fractals — something we see every day* (Venue: Room P4801, CityU)

28 Sept 2001 C. Wang, CityU: *Adaptive neural control of nonlinear systems* (Venue: Room CD634, PolyU)

5 Oct 2001 M. Small, PolyU: *Hypothesis testing with surrogates, pseudo-periodicity, and finance* (Venue: Room G6302, CityU)

12 Oct 2001 K.S. Tang, CityU: *Circuitry design for chaos generation* (Venue: Room CD634, PolyU)

19 Oct 2001 F.C.M. Lau, PolyU: *Noncoherent detection in chaos-based digital communications* (Venue: B6605, CityU)

26 Oct 2001 X. Yu, Australia: *On time delayed chaos control* (Venue: Room CD634, PolyU)

9 Nov 2001 M.Z. Wang, PolyU: *Introduction to spread-spectrum sequences* (Venue: B6605, CityU)

16 Nov 2001 H.S.H. Chung, CityU: *Use of chaos in electronic ballasts* (Venue: Room CD634, PolyU)

23 Nov 2001 P. Yu, Canada: *How far can we go using normal forms for bifurcation analysis?* (Venue: Room B6605, CityU)

30 Nov 2001 K.J. Burnham, Coventry (UK): *Bilinear control systems: An engineering perspective* (Venue: Room B6605, CityU)

7 Dec 2001 J.Q. Fang, Beijing: *Control of halo-chaos as an innovative technique for clean nuclear energy* (Venue: Room CD634, PolyU)

14 Dec 2001 Goong Chen, Texas A&M Univ: *Chaotic vibration of the wave equation* (Venue: Room B6605, CityU)

21 Dec 2001 T.W.S. Chow, CityU: *Neural networks learning algorithms and applications* (Venue: Room CD634, PolyU)