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

IEEE Technical Co-sponsor: IEEE Hong Kong Section
Robotics and Automation/Control Systems Joint Chapter

Jointly presents

SEMINAR SERIES

ON

CHAOS AND SYSTEMS CONTROL

Fridays, 13 September – 13 December 2002, 3:30 pm – 4:30 pm
Room B6605, City University of Hong Kong
Room CD634, Hong Kong Polytechnic University

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:

13 Sept 2002 Zhongping Jiang (USA): Small-Gain Method for Robust Nonlinear Control (Venue: Room B6605, CityU)

20 Sept 2002 Wai-man Tam and Francis Lau (PolyU): Multi-user detection of multiple access chaotic-sequence spread-spectrum communication systems (Venue: Room CD634, PolyU)

27 Sept 2002 Han-Xiong Li (CityU): Feature-based Integrated Design of Fuzzy-PID Control Systems (Venue: Room B6605, CityU)

4 Oct 2002 Kolumban Geza (Hungary): Techniques to improve the system performance of DCSK modulation scheme Part I: DCSK with improved noise performance (Venue: Room B6605, CityU)

11 Oct 2002 No Seminar

18 Oct 2002 Gonzalo Barajas (Mexico): Analog-Digital Hybrid Chaos Synchronization: Design and Applications (Venue: Room CD634, PolyU)

25 Oct 2002 Xiao Fan Wang (SJTU): Linked: New Science of Networks (Venue: Room B6605, CityU)

1 Nov 2002 Wei Lin (Fudan): Chaos in Hybrid Systems (Venue: Room CD634, PolyU)

8 Nov 2002 Jin-Qing Fang (China Atomic Energy Institute): On Main Features of Complexity in Some Typical Complex Systems (Venue: Room B6605, CityU)

15 Nov 2002 Wallace K. S. Tang (CityU): Anti-Control of Chaos Using Neurons (Venue: Room CD634, PolyU)

22 Nov 2002 David Hill (CityU): Systems and Control Problems for Deregulated Power Systems (Venue: Room B6605, CityU)

29 Nov 2002 Kolumban Geza (Hungary): Techniques to improve the system performance of DCSK modulation scheme Part II: Multiple access capability and noise cleaning (Venue: Room CD634, PolyU)

6 Dec 2002 Gary Feng (CityU): Controller Analysis and Synthesis Using Piecewise Lyapunov Functions (Venue: Room B6605, CityU)

13 Dec 2002 Peter Tam (PolyU): Title to be announced (Venue: Room CD634, PolyU)

Inquiry: G. Ron Chen (gchen@ee.cityu.edu.hk) and Francis C. M. Lau (encmlau@polyu.edu.hk)