

Preface

The International Conference on Complex Systems, Control and Optimization was held during August 8-10, 2004 in Northeastern University, Shenyang, China. There were more than 120 participants from several countries including Canada, USA, Australia, India, Yugoslavia, Iran, South Korea and Japan.

The papers presented during the conference represented well the mix of disciplines which is reflected in this special issue, including complex systems, automatic control, discrete events, network communications, fuzzy systems and controls, time-delay system modelling and controls, parameter designs and identifications, optimization and managements, mathematical finance and options, scientific computing; dynamic modelling, image analysis, fault detection and isolation, process controls and their applications. The papers represent a good mix of industry and academia.

During this conference one day was devoted to the 80th birthday celebration for Professor Xukai Xie, who is well-known for his Xie's Lemma published in 1950s. Many of the participants of the conference were Professor Xie's students and their off-springs, and the special issue is therefore our special present to Professor Xie for his 80th birthday.

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