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Preface

A large international conference in Intelligent Automation and Computer Engineering was held in Hong Kong, March 18–20, 2009, under the auspices of the International MultiConference of Engineers and Computer Scientists (IMECS 2009). The IMECS is organized by the International Association of Engineers (IAENG). IAENG is a non-profit international association for the engineers and the computer scientists, which was founded in 1968 and has been undergoing rapid expansions in recent years. The IMECS conferences have served as excellent venues for the engineering community to meet with each other and to exchange ideas. Moreover, IMECS continues to strike a balance between theoretical and application development. The conference committees have been formed with over 200 and 50 members who are mainly research center heads, deans, department heads (chairs), professors, and research scientists from over thirty countries. The conference participants are also truly international with a high level of representation from many countries. The responses for the conference have been excellent. In 2009, we received more than one thousand and one hundred manuscripts, and after a thorough peer review process 56.19% of the papers were accepted.

This volume contains 37 revised and extended research articles written by prominent researchers participating in the conference. Topics covered include artificial intelligence, decision supporting systems, automated planning, automation systems, control engineering, systems identification, modelling and simulation, communication systems, signal processing, and industrial applications. The book offers the state of the art of tremendous advances in intelligent automation and computer engineering and also serves as an excellent reference text for researchers and graduate students, working on intelligent automation and computer engineering.

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Tijuana Institute of Technology, Mexico
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