Transactions on Engineering Technologies

Sio-Iong Ao · Len Gelman
Haeng Kon Kim
Editors

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Editors
Sio-Iong Ao
International Association of Engineers
Hong Kong
Hong Kong

Len Gelman
School of Computing and Engineering
The University of Huddersfield
Queensgate, Huddersfield
UK

Haeng Kon Kim
Department of Computer and Communication
Engineering College, Catholic University of DaeGu
DaeGu
Korea (Republic of)

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Preface

A large international conference on Advances in Engineering Technologies and Physical Science was held in London, UK, July 5–7, 2017, under the World Congress on Engineering 2017 (WCE 2017). The WCE 2017 is organized by the International Association of Engineers (IAENG); the Congress details are available at: http://www.iaeng.org/WCE2017. IAENG is a nonprofit international association for engineers and computer scientists, which was founded originally in 1968. The World Congress on Engineering serves as good platforms for the engineering community to meet with each other and to exchange ideas. The conferences have also struck a balance between theoretical and application development. The conference committees have been formed with over three hundred committee members who are mainly research center heads, faculty deans, department heads, professors, and research scientists from over 30 countries. The congress is truly global international event with a high level of participation from many countries. The response to the Congress has been excellent. There have been more than six hundred manuscript submissions for the WCE 2017. All submitted papers have gone through the peer review process, and the overall acceptance rate is 51%.

This volume contains thirty revised and extended research articles written by prominent researchers participating in the conference. Topics covered include mechanical engineering, engineering mathematics, computer science, knowledge engineering, electrical engineering, wireless networks, and industrial applications. The book offers the state of the art of tremendous advances in engineering technologies and physical science and applications, and also serves as an excellent reference work for researchers and graduate students working on engineering technologies and physical science and applications.

Hong Kong, Hong Kong — Sio-Iong Ao
Queensgate, UK — Len Gelman
DaeGu, Korea (Republic of) — Haeng Kon Kim

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