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Proceedings of the 2011 2nd International Congress on Computer Applications and Computational Science

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Foreword

The Proceedings of the 2011 2nd International Congress on Computer Applications and Computational Science (CACS 2011) are a compilation of current research findings in computer application and computational science. CACS 2011 comprises a keynote speech, plenary speech, and parallel sessions where all of the papers have been reviewed thoroughly by at least three reviewers and the program chairs.

This book provides state-of-the-art research papers in Computer Control and Robotics, Computers in Education and Learning Technologies, Computer Networks and Data Communications, Data Mining and Data Engineering, Energy and Power Systems, Intelligent Systems and Autonomous Agents, Internet and Web Systems, Scientific Computing and Modeling, Signal, Image and Multimedia Processing, and Software Engineering.

The book provides an opportunity for researchers to present an extended exposition of such new works in all aspects of industrial and academic development for wide and rapid dissemination. At all times, the authors have shown an impressive range of knowledge on the subject and an ability to communicate this clearly.

This book explores the rapid development of computer technology that has an impact on all areas of this human-oriented discipline. In the recent years, we are faced with new theories, new technologies and computer methods, new applications, new philosophies, and even new challenges. All these works reside in industrial best practices, research papers and reports on advanced inter-discipline projects.

The book makes fascinating reading and should be of great interest to researchers involved in all aspects of computational science and computer applications, and will help attract more scholars to study in these areas.

Ford Lumban Gaol
Quang Vinh Nguyen

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