

Advances in Intelligent Systems and Computing

Volume 464

Series editor

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The series “Advances in Intelligent Systems and Computing” contains publications on theory, applications, and design methods of Intelligent Systems and Intelligent Computing. Virtually all disciplines such as engineering, natural sciences, computer and information science, ICT, economics, business, e-commerce, environment, healthcare, life science are covered. The list of topics spans all the areas of modern intelligent systems and computing.

The publications within “Advances in Intelligent Systems and Computing” are primarily textbooks and proceedings of important conferences, symposia and congresses. They cover significant recent developments in the field, both of a foundational and applicable character. An important characteristic feature of the series is the short publication time and world-wide distribution. This permits a rapid and broad dissemination of research results.

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Artificial Intelligence Perspectives in Intelligent Systems

Proceedings of the 5th Computer Science
On-line Conference 2016 (CSOC2016), Vol 1

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Preface

This book constitutes the refereed proceedings of the Artificial Intelligence Perspectives in Intelligent Systems Section of the 5th Computer Science On-line Conference 2016 (CSOC 2016), held in April 2016.

The volume Artificial Intelligence Perspectives in Intelligent Systems brings 47 of the accepted papers. Each of them presents new approaches and/or evaluates methods to real-world problems and exploratory research that describes novel approaches in the field of intelligent systems.

CSOC 2016 has received (all sections) 254 submissions, 136 of them were accepted for publication. More than 60 % of all accepted submissions were received from Europe, 20 % from Asia, 16 % from America and 4 % from Africa. Researches from 32 countries participated in CSOC 2016 conference.

CSOC 2016 conference intends to provide an international forum for the discussion of the latest research results in all areas related to computer science. The addressed topics are the theoretical aspects and applications of computer science, artificial intelligence, cybernetics, automation control theory and software engineering.

Computer Science On-line Conference is held online and broad usage of modern communication technology improves the traditional concept of scientific conferences. It brings equal opportunity to participate to all researchers around the world.

The editors believe that readers will find the proceedings interesting and useful for their own research work.

March 2016

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