Advances in Intelligent Systems and Computing

Volume 465

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Software Engineering Perspectives and Application in Intelligent Systems

Proceedings of the 5th Computer Science
On-line Conference 2016 (CSOC2016), Vol 2

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Preface

This book constitutes the refereed proceedings of the Software Engineering Perspectives and Application in Intelligent Systems Section of the 5th Computer Science On-line Conference 2016 (CSOC 2016), held in April 2015.

The volume Software Engineering Perspectives and Application in Intelligent Systems brings 42 of the accepted papers. Each of them presents new approaches and methods to real-world problems and exploratory research that describes novel approaches in the field of cybernetics and automation control theory.

Particular emphasis is laid on modern trends in the selected fields of interest. New algorithms or methods in a variety of fields are also presented.

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. Researchers from 32 countries participated in CSOC 2016.

CSOC 2016 intends to provide an international forum for the discussion of the latest high-quality research results in all areas related to computer science. The addressed topics are 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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