Advances in Intelligent Systems and Computing

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Intelligent Systems in Cybernetics and Automation Theory

Proceedings of the 4th Computer Science On-line Conference 2015 (CSOC2015), Vol 2: Intelligent Systems in Cybernetics and Automation Theory

Springer

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Preface

This book constitutes the refereed proceedings of the Intelligent Systems in Cybernetics and Automation Control Theory Section of the 4th Computer Science On-line Conference 2015 (CSOC 2015), held in April 2015.

The volume Intelligent Systems in Cybernetics and Automation Control Theory brings 30 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 selected fields of interest. New algorithms or methods in a variety of fields are also presented.

CSOC 2015 has received (all sections) 230 submissions, 102 of them were accepted for publication. More than 53 % of all accepted submissions were received from Europe, 27 % from Asia, 10 % from America and 10 % from Africa. Researches from 26 countries participated in CSOC 2015 conference.

CSOC 2015 conference 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 the theoretical aspects and applications of Computer Science, Artificial Intelligences, Cybernetics, Automation Control Theory and Software Engineering.

Computer Science On-line Conference is held on-line 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 2015

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