

Preface

This book constitutes the refereed proceedings of the Artificial Intelligence Trends in Intelligent Systems Section of the 6th Computer Science On-line Conference 2017 (CSOC 2017), held in April 2017.

Particular emphasis is laid on modern trends in artificial intelligence and its application to intelligent systems. New algorithms, methods, and applications of optimization algorithm, neural network, and deep learning and hybrid algorithms are also presented.

The volume Artificial Intelligence Trends in Intelligent Systems brings and presents new approaches and methods to real-world problems and exploratory research that describes novel approaches in the defined fields.

CSOC 2017 has received (all sections) 296 submissions, in which 148 of them were accepted for publication. More than 61% of accepted submissions were received from Europe, 34% from Asia, 3% from Africa, and 2% from America. Researches from 27 countries participated in CSOC 2017 conference.

CSOC 2017 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 online, and modern communication technology which is broadly used 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 following proceedings interesting and useful for their own research work.

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