

1. Record Nr.	UNINA9910254345803321
Titolo	Cybernetics and Mathematics Applications in Intelligent Systems : Proceedings of the 6th Computer Science On-line Conference 2017 (CSOC2017), Vol 2 // edited by Radek Silhavy, Roman Senkerik, Zuzana Kominkova Oplatkova, Zdenka Prokopova, Petr Silhavy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-57264-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 446 p. 214 illus.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 574
Disciplina	001.53
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cost-Effective Computational Modelling of Fault Tolerant Optimization of FinFET-based SRAM Cells -- Application of Risk Theory Approach to Fuzzy Abduction -- Enhanced TDS Stability Analysis Method via Characteristic Quasipolynomial Polynomization.- Dissipativity of Multistep Runge–Kutta Methods for Nonlinear Neutral Delay Integral Differential Equations with Constrained Grid -- Maze Navigation in the Ball & Plate Model -- Large Networks of Diameter Two Based on Cayley Graphs.- Analysis of the IoT WiFi mesh network. - Lightning Impulse Voltage Evaluation.- Big Data Process Advancement.- LDPC Binary Vectors Coding Enhances Transmissions and Memories Reliability.
Sommario/riassunto	This book presents new methods for and approaches to real-world problems as well as exploratory research describing novel mathematics and cybernetics applications in intelligent systems. It focuses on modern trends in selected fields of technological systems and automation control theory. It also introduces new algorithms, methods and applications of intelligent systems in automation, technological

and industrial applications. This book constitutes the refereed proceedings of the Cybernetics and Mathematics Applications in Intelligent Systems Section of the 6th Computer Science On-line Conference 2017 (CSOC 2017), held in April 2017.
