

1. Record Nr.	UNIPARTHENOPE000001294
Autore	Donati, Antigono
Titolo	Manuale di diritto delle assicurazioni private / Antigono Donati, Giovanna Volpe Putzolu
Pubbl/distr/stampa	Milano : Giuffrè, 1987
ISBN	88-14-01203-2
Edizione	[3. ed.]
Descrizione fisica	XII, 377 p. ; 20 cm
Altri autori (Persone)	Volpe Putzolu, Giovanna
Disciplina	346.086 346.45086
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Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910699173603321
Titolo	Controlled Hydrogen Fleet Infrastructure and Demonstration and Validation Project [[electronic resource] ] : Fall 2009 composite data products final version, September 11, 2009 / / Keith Wipke ... [and others]
Pubbl/distr/stampa	Golden, CO : , : National Renewable Energy Laboratory, , [2009]
Descrizione fisica	1 online resource (94 unnumbered pages) : color illustrations
Collana	NREL/TP ; ; 560-46679
Altri autori (Persone)	WipkeKeith B
Soggetti	Hydrogen cars - Research Fuel cells - Research Motor vehicle fleets Hydrogen as fuel
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Sept. 29, 2009). "September 2009."

3. Record Nr.	UNINA9910484658003321
Titolo	Computational Intelligence, Optimization and Inverse Problems with Applications in Engineering / / edited by Gustavo Mendes Platt, Xin-She Yang, Antônio José Silva Neto
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-96433-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (301 pages)
Disciplina	006.3019
Soggetti	Computational intelligence Mathematical optimization Probabilities Computational Intelligence Discrete Optimization Continuous Optimization Probability Theory and Stochastic Processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 01- An Overview of the Use of Metaheuristics in Two Phase Equilibrium Calculation Problems -- Chapter 02- Reliability-based Robust Optimization Applied to Engineering System Design -- Chapter 03- On Initial Populations of Differential Evolution for Practical Optimization Problems -- Chapter 04- Application of Enhanced Particle Swarm Optimization in Euclidean Steiner Tree Problem Solving in RN -- Chapter 05- Rotation-Based Multi-Particle Collision Algorithm with Hooke-Jeeves Approach Applied to the Structural Damage Identification -- Chapter 06- Optimization in Civil Engineering and Metaheuristic Algorithms: a Review of State-of-the-Art Developments -- Chapter 07- A Bioreactor Fault Diagnosis Based on Metaheuristics -- Chapter 08- Optimization of Nuclear Reactors Loading Patterns with Computational Intelligence Methods -- Chapter 09- Inverse Problem of an Anomalous Diffusion Model Employing Lightning Optimization Algorithm -- Chapter 10- Study of the Impact of the Topology of Artificial Neural

Networks for the Prediction of Meteorological Data -- Chapter 11- Constructal Design Associated with Genetic Algorithm to Maximize the Performance of H-shaped Isothermal Cavities -- Chapter 12- Co-Design System for Tracking Targets using Template Matching -- Chapter 13- A Hybrid Estimation Scheme Based on the Sequential Importance Resampling Particle Filter and the Particle Swarm Optimization (PSO-SIR) -- Chapter 14- Fault Detection Using Kernel Computational Intelligence Algorithms -- Index.

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## Sommario/riassunto

This book focuses on metaheuristic methods and its applications to real-world problems in Engineering. The first part describes some key metaheuristic methods, such as Bat Algorithms, Particle Swarm Optimization, Differential Evolution, and Particle Collision Algorithms. Improved versions of these methods and strategies for parameter tuning are also presented, both of which are essential for the practical use of these important computational tools. The second part then applies metaheuristics to problems, mainly in Civil, Mechanical, Chemical, Electrical, and Nuclear Engineering. Other methods, such as the Flower Pollination Algorithm, Symbiotic Organisms Search, Cross-Entropy Algorithm, Artificial Bee Colonies, Population-Based Incremental Learning, Cuckoo Search, and Genetic Algorithms, are also presented. The book is rounded out by recently developed strategies, or hybrid improved versions of existing methods, such as the Lightning Optimization Algorithm, Differential Evolution with Particle Collisions, and Ant Colony Optimization with Dispersion – state-of-the-art approaches for the application of computational intelligence to engineering problems. The wide variety of methods and applications, as well as the original results to problems of practical engineering interest, represent the primary differentiation and distinctive quality of this book. Furthermore, it gathers contributions by authors from seven countries – some of which are the original proponents of the methods presented – and 21 research centers around the globe.

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