

1. Record Nr.	UNISA990002682380203316
Autore	CORRADINI, Ferdinando
Titolo	Di Arce in Terra di Lavoro : appunti di storia, cronaca, costume, toponomastica e viabilità di un paese della media Valle del Liri / Ferdinando Corradini
Pubbl/distr/stampa	Arce, : a cura dell'amministrazione comunale, 2004
Descrizione fisica	3 volumi : ill. ; 25 cm
Disciplina	945.6223
Soggetti	Arce Storia
Collocazione	X.1.B. 915/2(III A 1315/1-3)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1.:Parte generale; 2-3.: parte speciale

2. Record Nr.	UNINA9910464541403321
Autore	Hess David J
Titolo	Good green jobs in a global economy [[electronic resource] ] : making and keeping new industries in the United States // David J. Hess
Pubbl/distr/stampa	Cambridge, MA, : MIT Press, c2012
ISBN	1-283-62980-1 0-262-30590-9 9786613942258
Descrizione fisica	1 online resource (309 p.)
Collana	Urban and industrial environments
Disciplina	363.7023
Soggetti	Environmentalists - Vocational guidance - United States Environmental policy - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Energy, manufacturing, and the changing global economy -- Green jobs and the green energy transition -- Green industrial policy and the 111th Congress -- State governments and the greening of import substitution -- The greening of regional industrial clusters -- Localist alternatives to the mainstream transition -- Green transition coalitions and geographical unevenness -- After 2010: continued unevenness in the green transition -- Conclusion -- Appendix: state government votes for green energy laws.
Sommario/riassunto	After describing federal green energy initiatives in the first two years of the Obama administration, Hess turns his attention to the state and local levels, examining demand-side and supply-side support for green industry and local small business. He analyzes the successes and failures of green coalitions and the partisan patterns of support for green energy reform. This new piecemeal green industrial policy, Hess argues, signals a fundamental challenge to anti-interventionist beliefs about the relationship between the government and the economy."-- Publisher description.

3. Record Nr.	UNINA9910821150603321
Titolo	Metaheuristic applications in structures and infrastructures // edited by Amir Hossein Gandomi, Civil Engineering, the University of Akron, OH, USA, Xin-She Yang, School of Science and Technology, Middlesex University, London, UK, Siamak Talatahari, Marand Faculty of Engineering, University of Tabriz, Tabriz, Iran, Amir Hossein Alavi, Civil Engineering, Iran University of Science and Technology, Tehran, Iran
Pubbl/distr/stampa	London, : Elsevier, 2013 London : , : Elsevier, , 2013
ISBN	0-12-398379-7 1-299-19305-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xx, 556 pages) : illustrations (some color)
Collana	Elsevier insights Gale eBooks
Disciplina	620.00151964
Soggetti	Engineering design - Mathematical models Engineering - Statistical methods Heuristic algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Metaheuristic Applications in Structures and Infrastructures; Copyright Page; Contents; List of Contributors; 1 Metaheuristic Algorithms in Modeling and Optimization; 1.1 Introduction; 1.2 Metaheuristic Algorithms; 1.2.1 Characteristics of Metaheuristics; 1.2.2 No Free Lunch Theorems; 1.3 Metaheuristic Algorithms in Modeling; 1.3.1 Artificial Neural Networks; 1.3.1.1 Multilayer Perceptron Network; 1.3.1.2 Radial Basis Function; 1.3.2 Genetic Programming; 1.3.2.1 Linear-Based GP; 1.3.2.1.1 Linear Genetic Programming; 1.3.2.1.2 Gene Expression Programming; 1.3.2.1.3 Multiexpression Programming; 1.3.3 Fuzzy Logic; 1.3.4 Support Vector Machines; 1.4 Metaheuristic Algorithms in Optimization; 1.4.1 Evolutionary Algorithms; 1.4.1.1 Genetic Algorithm; 1.4.1.2 Differential Evolution; 1.4.1.3 Harmony Search; 1.4.2 Swarm-Intelligence-Based Algorithms; 1.4.2.1 Particle Swarm Optimization;

1.4.2.2 Ant Colony Optimization; 1.4.2.3 Bee Algorithms; 1.4.2.4 Firefly Algorithm; 1.4.2.5 Cuckoo Search; 1.4.2.6 Bat Algorithm; 1.4.2.7 Charged System Search; 1.4.2.8 Krill Herd; 1.5 Challenges in Metaheuristics; References

2 A Review on Traditional and Modern Structural Optimization: Problems and Techniques

2.1 Optimization Problems; 2.2 Optimization Techniques; 2.3 Optimization History; 2.4 Structural Optimization; 2.4.1 General Concept; 2.4.2 Major Advances in Structural Optimization; 2.4.3 OC Methods; 2.4.4 Reliability-Based Optimization Approach; 2.4.5 Fuzzy Optimization; 2.5 Metaheuristic Optimization Techniques; 2.5.1 Genetic Algorithm; 2.5.2 Simulated Annealing; 2.5.3 Tabu Search; 2.5.4 Ant Colony Optimization; 2.5.5 Particle Swarm Optimization; 2.5.6 Harmony Search; 2.5.7 Big Bang-Big Crunch; 2.5.8 Firefly Algorithm; 2.5.9 Cuckoo Search; 2.5.10 Other Metaheuristics; References;

3 Particle Swarm Optimization in Civil Infrastructure Systems: State-of-the-Art Review; 3.1 Introduction; 3.2 Particle Swarm Optimization; 3.3 Structural Engineering; 3.3.1 Shape and Size Optimization Problems in Structural Design; 3.3.2 Structural Condition Assessment and Health Monitoring; 3.3.3 Structural Material Characterization and Modeling; 3.3.4 Other PSO Applications in Structural Engineering; 3.4 Transportation and Traffic Engineering; 3.4.1 Transportation Network Design; 3.4.2 Traffic Flow Forecasting; 3.4.3 Traffic Control; 3.4.4 Traffic Accident Forecasting; 3.4.5 Vehicle Routing Problem; 3.4.6 Other PSO Application in Transportation and Traffic Engineering; 3.5 Hydraulics and Hydrology; 3.5.1 River Stage Prediction; 3.5.2 Design Optimization of Water/Wastewater Distribution Networks; 3.5.3 Reservoir Operation Problems; 3.5.4 Parameter Estimation/Calibration of Hydrological Models; 3.5.5 Other PSO Applications in Hydraulics and Hydrology; 3.6 Construction Engineering; 3.6.1 Construction Planning and Management; 3.6.2 Construction Litigation; 3.6.3 Construction Cost Estimation and Prediction

## Sommario/riassunto

Due to an ever-decreasing supply in raw materials and stringent constraints on conventional energy sources, demand for lightweight, efficient and low-cost structures has become crucially important in modern engineering design. This requires engineers to search for optimal and robust design options to address design problems that are commonly large in scale and highly nonlinear, making finding solutions challenging. In the past two decades, metaheuristic algorithms have shown promising power, efficiency and versatility in solving these difficult optimization problems. This book examin