

1.	Record Nr.	UNISA990000832220203316
	Autore	OTTO, Walter Friedrich
	Titolo	Il poeta e gli antichi dei / Walter Friedrich Otto
	Pubbl/distr/stampa	Napoli, : Guida, [1991]
	ISBN	88-7835-080-X
	Descrizione fisica	151 p. ; 23 cm
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	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910734097903321
	Autore	Brabazon Anthony
	Titolo	Natural Computing Algorithms / / by Anthony Brabazon, Michael O'Neill, Seán McGarraghy
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
	ISBN	3-662-43631-0
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (XX, 554 p. 164 illus., 22 illus. in color.)
	Collana	Natural Computing Series, , 2627-6461
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	Soggetti	Computer science Computational intelligence Artificial intelligence Operations research Management science Social sciences—Mathematics Theory of Computation Computational Intelligence Artificial Intelligence Operations Research, Management Science Operations Research and Decision Theory Mathematics in Business, Economics and Finance

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction -- Introduction to Evolutionary Computing -- Genetic Algorithms -- Extending the Genetic Algorithm -- Evolution Strategies and Evolutionary Programming -- Differential Evolution -- Genetic Programming -- Particle Swarm Algorithms -- Ant Algorithms -- Honeybee Algorithms -- Other Social Algorithms -- Bacterial Foraging Algorithms -- Neural Networks for Supervised Learning -- Neural Networks for Unsupervised Learning -- Neuroevolution -- Artificial Immune Systems -- An Introduction to Developmental and Grammatical Computing -- Grammar-Based and Developmental Genetic Programming -- Grammatical Evolution -- TAG3P and Developmental TAG3P -- Genetic Regulatory Networks -- An Introduction to Physics-Inspired Computing -- Physics-Inspired Computing Algorithms -- Quantum-Inspired Evolutionary Algorithms -- Plant-Inspired Algorithms -- Chemistry-Inspired Algorithms -- Conclusions -- References -- Index.
Sommario/riassunto	The field of natural computing has been the focus of a substantial research effort in recent decades. One particular strand of this research concerns the development of computational algorithms using metaphorical inspiration from systems and phenomena that occur in the natural world. These naturally inspired computing algorithms have proven to be successful problem-solvers across domains as diverse as management science, bioinformatics, finance, marketing, engineering, architecture and design. This book is a comprehensive introduction to natural computing algorithms, suitable for academic and industrial researchers and for undergraduate and graduate courses on natural computing in computer science, engineering and management science.