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Disciplina	006.3
Soggetti	Algorithms Artificial intelligence Computer systems Computers, Special purpose Microprocessors Computer architecture Computer science—Mathematics Discrete mathematics Artificial Intelligence Computer System Implementation Special Purpose and Application-Based Systems Processor Architectures Discrete Mathematics in Computer Science
Lingua di pubblicazione	Inglese
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Nota di contenuto	Theoretical advances of swarm intelligence metaheuristics -- Combinatorial discrete, binary, constrained, multi-objective, multi-modal, dynamic, noisy, and large scale optimization -- Artificial immune systems, particle swarms, ant colony, bacterial forging, artificial bees, fireflies algorithm -- Hybridization of algorithms -- Parallel/distributed computing, machine learning, data mining, data

clustering, decision making and multi-agent systems based on swarm intelligence principles -- Adaptation and applications of swarm intelligence principles to real world problems in various domains.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the Second International Conference on Swarm Intelligence Based Optimization, ICSIBO 2016, held in Mulhouse, France, in June 2016. The 9 full papers presented were carefully reviewed and selected from 20 submissions. They are centered around the following topics: theoretical advances of swarm intelligence metaheuristics; combinatorial discrete, binary, constrained, multi-objective, multi-modal, dynamic, noisy, and large scale optimization; artificial immune systems, particle swarms, ant colony, bacterial foraging, artificial bees, fireflies algorithm; hybridization of algorithms; parallel/distributed computing, machine learning, data mining, data clustering, decision making and multi-agent systems based on swarm intelligence principles; adaptation and applications of swarm intelligence principles to real world problems in various domains.
