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Autore	Radosavljevic Jordan
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Nota di contenuto	Cover -- Title -- Copyright -- Contents -- Excerpt from the preface to the 1st edition (2018) -- Preface to the 2nd edition (2024) -- About the author -- 1 Overview of metaheuristic optimization -- 1.1 Introduction -- 1.2 Definition of metaheuristics -- 1.3 Classification of metaheuristics and bibliometric analysis -- 1.4 Principle of population-based metaheuristics -- 1.5 Evolutionary optimization algorithms -- 1.5.1 Genetic algorithm -- 1.5.2 Differential evolution -- 1.5.3 Evolutionary programming -- 1.5.4 Backtracking search algorithm -- 1.6 Bio-inspired swarm intelligence algorithms -- 1.6.1 Particle swarm optimization -- 1.6.2 Ant colony optimization -- 1.6.3 Artificial bee colony algorithm -- 1.6.4 Cuckoo search algorithm -- 1.6.5 Firefly algorithm -- 1.6.6 Gray wolf optimizer -- 1.6.7 Krill herd algorithm -- 1.6.8 Bacterial colony foraging optimization -- 1.6.9 Glowworm swarm optimization -- 1.6.10 Differential search algorithm -- 1.6.11 Marine predators algorithm -- 1.6.12 Tunicate swarm algorithm
Sommario/riassunto	A new edition in two volumes of the systematic and comprehensive reference on metaheuristic methods for power systems with distributed renewables, which offers MATLAB-based software, with revised and

new chapters.
