

1. Record Nr.	UNINA9910706110003321
Autore	Westerman Catherine Y. Kingsley
Titolo	Radio 101 : operating two-way radios every day and in emergencies : student handbook / / Catherine Y. Kingsley Westerman, Michael J. Brnich, Jr., Carin Kosmoski
Pubbl/distr/stampa	Pittsburgh, PA ; ; Spokane, WA : , : Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Office of Mine Safety and Health Research, , 2011
Descrizione fisica	1 online resource (13 pages)
Collana	Report of investigations ; ; 9686 DHHS (NIOSH) publication ; ; no. 2011-203
Soggetti	Mine communication systems Mine rescue work - Equipment and supplies Mine safety - Study and teaching Miners - Training of Radio in mining Mining Radio Rescue Work
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"August 2011." "Report of investigations/2011 supplement"--Page 1 of cover.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910768467803321
Titolo	Applications of Cuckoo Search Algorithm and its Variants / / edited by Nilanjan Dey
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-5163-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (328 pages)
Collana	Springer Tracts in Nature-Inspired Computing, , 2524-552X
Disciplina	025.524
Soggetti	Computational intelligence Algorithms Mathematical optimization Computational Intelligence Algorithm Analysis and Problem Complexity Continuous Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cuckoo Search Algorithm for Parametric Data Fitting of Characteristic Curves of the Van der Waals Equation of State -- Cuckoo search algorithm with various walks -- Cuckoo search algorithm: Statistical-based optimization approach and engineering applications -- Training a Feed Forward Neural Network using Cuckoo Search -- A Cuckoo Search Algorithm Inspired Membrane Systems to Solve Optimization Problems -- Cuckoo Search for Optimum Design of Real-Sized High-Level Steel Frames.
Sommario/riassunto	This book highlights the basic concepts of the CS algorithm and its variants, and their use in solving diverse optimization problems in medical and engineering applications. Evolutionary-based meta-heuristic approaches are increasingly being applied to solve complicated optimization problems in several real-world applications. One of the most successful optimization algorithms is the Cuckoo search (CS), which has become an active research area to solve N-dimensional and linear/nonlinear optimization problems using simple mathematical processes. CS has attracted the attention of various researchers, resulting in the emergence of numerous variants of the

basic CS with enhanced performance since 2019.
