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| 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. |

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| 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.
