

1. Record Nr.	UNINA990001632520403321
Autore	Darwin, Charles <1809-1882>
Titolo	L'espressione dei sentimenti nell'uomo e negli animali / Carlo Darwin ; versione italiana col consenso di Carlo e Francesco Darwin, per cura di Giovanni Canestrini
Pubbl/distr/stampa	Torino, : UTET, 1890
Edizione	[2. ed. sulla 2. ed. inglese]
Descrizione fisica	284 p., 7 c. di tav. : ill. ; 28 cm
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Locazione	DAGEN FAGBC
Collocazione	61 III A.1/14 60 575 B 15
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.

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Titolo

Declaration of a national emergency with respect to our nation's undue reliance on critical minerals : message from the President of the United States transmitting a declaration of a national emergency to deal with the threat posed by our nation's undue reliance on critical minerals, in processed or unprocessed form, from foreign adversaries. Pursuant to 50 U.S.C. 1703 (b); Public Law 95-223, sec. 204(b); (91 Stat. 1627) and 50 U.S.C. 1641(b); Public Law 94-412, sec. 401(b); (90 Stat. 1257)

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Descrizione fisica

1 online resource (8 pages)

Collana

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Soggetti

Minerals - United States
Mineral industries - China
Imports - United States
National security - United States
Imports
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United States

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Note generali

"Referred to the Committee on Foreign Affairs."
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3. Record Nr.	UNINA9910828951403321
Autore	Labadie Nacima
Titolo	Metaheuristics for vehicle routing problems / / Nacima Labadie, Christian Prins, Caroline Prodhon
Pubbl/distr/stampa	London, England ; ; Hoboken, New Jersey : , : iSTE : , : Wiley, , 2016 ©2016
ISBN	1-119-13678-4 1-119-13676-8 1-119-13677-6
Descrizione fisica	1 online resource (197 p.)
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Soggetti	Transportation problems (Programming) Mathematical optimization
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; Notations and Abbreviations; Notations; Abbreviations related to problems; Abbreviations related to methods; Introduction; Chapter 1. General Presentation of Vehicle Routing Problems; 1.1. Logistics management and combinatorial optimization; 1.1.1. History of logistics; 1.1.2. Logistics as a science; 1.1.3. Combinatorial optimization; 1.2. Vehicle routing problems; 1.2.1. Problems in transportation optimization; 1.2.2. Vehicle routing problems in other contexts; 1.2.3. Characteristics of vehicle routing problems; 1.2.3.1. Components 1.2.3.2. Constraints 1.2.3.3. Objectives; 1.2.4. The capacitated vehicle routing problem; 1.2.4.1. Mathematical model; 1.2.4.2. Solution methods; 1.3. Conclusion; Chapter 2. Simple Heuristics and Local Search Procedures; 2.1. Simple heuristics; 2.1.1. Constructive heuristics; 2.1.2. Two-phase methods; 2.1.3. Best-of approach and randomization; 2.2. Local search; 2.2.1. Principle; 2.2.2. Classical moves; 2.2.3. Feasibility tests; 2.2.4. General approach from Vidal et al.; 2.2.5. Multiple neighborhoods; 2.2.6. Very constrained problems; 2.2.7. Acceleration techniques; 2.2.8. Complex moves 2.3. Conclusion Chapter 3. Metaheuristics Generating a Sequence of

Solutions; 3.1. Simulated annealing (SA); 3.1.1. Principle; 3.1.2. Simulated annealing in vehicle routing problems; 3.2. Greedy randomized adaptive search procedure: GRASP; 3.2.1. Principle; 3.2.2. GRASP in vehicle routing problems; 3.3. Tabu search; 3.3.1. Principle; 3.3.2. Tabu search in vehicle routing problems; 3.4. Variable neighborhood search; 3.4.1. Principle; 3.4.2. Variable neighborhood search in vehicle routing problems; 3.5. Iterated local search; 3.5.1. Principle
3.5.2. Iterated local search in vehicle routing problems
3.6. Guided local search; 3.6.1. Principle; 3.6.2. Guided local search in vehicle routing problems; 3.7. Large neighborhood search; 3.7.1. Principle; 3.7.2. Large neighborhood search in vehicle routing problems; 3.8. Transitional forms; 3.8.1. Evolutionary local search principle; 3.8.2. Application to vehicle routing problems; 3.9. Selected examples; 3.9.1. GRASP for the location-routing problem; 3.9.2. Granular tabu search for the CVRP; 3.9.3. Adaptive large neighborhood search for the pickup and delivery problem with time windows
3.10. Conclusion

Chapter 4. Metaheuristics Based on a Set of Solutions;
4.1. Genetic algorithm and its variants; 4.1.1. Genetic algorithm; 4.1.2. Memetic algorithm; 4.1.3. Memetic algorithm with population management; 4.1.4. Genetic algorithm and its variants in vehicle routing problems; 4.2. Scatter search; 4.2.1. Scatter search principle; 4.2.2. Scatter search in vehicle routing problems; 4.3. Path relinking; 4.3.1. Principle; 4.3.2. Path relinking in vehicle routing problems; 4.4. Ant colony optimization; 4.4.1. Principle; 4.4.2. ACO in vehicle routing problems
4.5. Particle swarm optimization
