1. Record Nr. UNINA990006091940403321

Titolo	Le inchieste delle assemblee parlamentari / a cura di Giuseppe De Vergottini
Pubbl/distr/stampa	Rimini : Maggioli, c1985
Descrizione fisica	582 p. ; 24 cm
Collana	CISR Centro italiano per lo sviluppo della ricerca ; 2
Disciplina	342 328
Locazione	DEC FGBC FSPBC DDCIC DDA
Collocazione	DP XV - 183 DP XV-153 DP XV-148 I F 216 (2) I B 390 XXVI 365 CC COLLEZ. 1089 (2) VI L 734 VI Z 436 DP XV-183
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910139244703321

Titolo	Metaheuristics for production scheduling [[electronic resource] /] / edited by Bassem Jarboui, Patrick Siarry, Jacques Teghem ; series editor, Jean-Paul Bourrieres
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : John Wiley and Sons Inc., 2013
ISBN	1-118-73159-X 1-118-73156-5 1-118-73155-7
Descrizione fisica	1 online resource (529 p.)
Collana	Automation-control and industrial engineering series
Altri autori (Persone)	JarbouiBassem SiarryPatrick TeghemJacques BourrieresJean-Paul
Disciplina	670
Soggetti	Production scheduling - Data processing Production scheduling - Computer programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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; Contents; Introduction and Presentation; Chapter 1. An Estimation of Distribution Algorithm for SolvingFlow Shop Scheduling Problems with Sequence-dependent FamilySetup Times; 1.1. Introduction; 1.2. Mathematical formulation; 1.3. Estimation of distribution algorithms; 1.3.1. Estimation of distribution algorithms proposed in the literature; 1.4. The proposed estimation of distribution algorithm; 1.4.1. Encoding scheme and initial population; 1.4.2. Selection; 1.4.3. Probability estimation; 1.5. Iterated local search algorithm; 1.6. Experimental results; 1.7. Conclusion 1.8. BibliographyChapter 2. Genetic Algorithms for Solving Flexible Job ShopScheduling Problems; 2.1. Introduction; 2.2. Flexible job shop scheduling problems; 2.3. Genetic algorithms for some related sub-problems; 2.4. Genetic algorithms for the flexible job shop problem; 2.4.1. Codings; 2.4.2. Mutation operators; 2.4.3. Crossover operators; 2.5. Comparison of codings; 2.6. Conclusion; 2.7. Bibliography;

Chapter 3. A Hybrid GRASP-Differential Evolution Algorithmfor Solving Flow Shop Scheduling Problemswith No-Wait Constraints; 3.1. Introduction; 3.2. Overview of the literature
3.2.1. Single-solution metaheuristics3.2.2. Population-based metaheuristics; 3.2.3. Hybrid approaches; 3.3. Description of the problem; 3.4. GRASP; 3.5. Differential evolution; 3.6. Iterative local search; 3.7. Overview of the NEW-GRASP-DE algorithm; 3.7.1. Constructive phase; 3.7.2. Improvement phase; 3.8. Experimental results; 3.8.1. Experimental results for the Reeves and Heller instances; 3.8.2. Experimental results for the Taillard instances; 3.9. Conclusion; 3.10. Bibliography
Chapter 4. A Comparison of Local Search Metaheuristicsfor a Hierarchical Flow Shop Optimization Problemwith Time Lags4.1. Introduction; 4.2. Description of the problem; 4.2.1. Flowshop with time lags; 4.2.2. A bicriteria hierarchical flow shop problem; 4.3. The proposed metaheuristics; 4.3.1. A simulated annealing metaheuristics; 4.3.2. The GRASP metaheuristics; 4.4. Tests; 4.4.1. Generated instances; 4.4.2. Comparison of the results; 4.5. Conclusion; 4.6. Bibliography; Chapter 5. Neutrality in Flow Shop Scheduling Problems: Landscape Structure and Local Search; 5.1. Introduction
5.2. Neutrality in a combinatorial optimization problem5.2.1. Landscape in a combinatorial optimization problem; 5.2.2. Neutrality and landscape; 5.3. Study of neutrality in the flow shop problem; 5.3.1. Neutral degree; 5.3.2. Structure of the neutral landscape; 5.4. Local search exploiting neutrality to solve the flow shop problem; 5.4.1. Neutrality-based iterated local search; 5.4.2. NILS on the flow shop problem; 5.5. Conclusion; 5.6. Bibliography; Chapter 6. Evolutionary Metaheuristic Based on GeneticAlgorithm: Application to Hybrid Flow Shop Problemwith Availability Constraints
6.1. Introduction

Sommario/riassunto

This book describes the potentialities of metaheuristics for solving production scheduling problems and the relationship between these two fields.For the past several years, there has been an increasing interest in using metaheuristic methods to solve scheduling problems. The main reasons for this are that such problems are generally hard to solve to optimality, as well as the fact that metaheuristics provide very good solutions in a reasonable time. The first part of the book presents eight applications of metaheuristics for solving various mono-objective scheduling problems. The sec