

1. Record Nr.	UNINA9910458426803321
Titolo	Combinatorial and global optimization [[electronic resource] /] / editors, Panos M. Pardalos, Athanasios Migdalas, Rainer E. Burkard
Pubbl/distr/stampa	River Edge, NJ, : World Scientific, c2002
ISBN	981-277-821-7
Descrizione fisica	1 online resource (373 p.)
Collana	Series on applied mathematics ; ; vol. 14
Altri autori (Persone)	PardalosP. M <1954-> (Panos M.) MigdalasAthanasios BurkardRainer E
Disciplina	511/.6
Soggetti	Combinatorial optimization Mathematical optimization Nonlinear programming Electronic books.
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.
Nota di contenuto	Contents; Preface; A Forest Exterior Point Algorithm for Assignment Problems; 1 Introduction; 2 Preliminaries; 3 Description of the algorithm; 4 Correctness and complexity of the algorithm; 5 Concluding remarks; References A Hybrid Scatter Genetic Tabu Approach for Continuous Global Optimization 1 Introduction; 2 Genetic scatter search and tabu search approach; 3 HSGT algorithm description; 4 Weight computations; 5 Computational results; 6 Conclusions and recommendations Appendix A: Test functions References; Exact Rates of Prokhorov Convergence under Three Moment Conditions; 1 Main result; 2 Outline of proof; References; Location/Allocation of Queuing Facilities in Continuous Space using Minisum and Minimax Criteria ; 1 Introduction 2 The model 3 A solution method; 4 Computational results; 5 Conclusions; References; Algorithms for the Consistency Analysis in Scenario Projects; 1 Introduction; 2 Definitions; 3 Complexity ; 4 Algorithms ; 5 Conclusions ; References Assignment of Reusable and Non-Reusable Frequencies 1 Introduction;

2 Definitions and techniques; 3 The complexity of radio coloring and radio labeling; 4 An exact algorithm for constant number of colors ; 5 Algorithms for on-line radio labeling ; 6
Open problems ; References
Image Space Analysis for Vector Optimization and Variational Inequalities. Scalarization

Sommario/riassunto

Combinatorial and global optimization problems appear in a wide range of applications in operations research, engineering, biological science, and computer science. In combinatorial optimization and graph theory, many approaches have been developed that link the discrete universe to the continuous universe through geometric, analytic, and algebraic techniques. Such techniques include global optimization formulations, semidefinite programming, and spectral theory. Recent major successes based on these approaches include interior point algorithms for linear and discrete problems, the celebrated
