1. Record Nr. UNISALENTO991002228219707536

Autore	Biblioteca Angelica
Titolo	Con dedica dell'Autore : gli autografi del fondo Bocelli
Pubbl/distr/stampa	Roma : [s.n.], 1981
Descrizione fisica	164 p. ; 21 cm
Disciplina	018.13
Soggetti	Roma - Biblioteca Angelica - Fondo Bocelli - Cataloghi Bocelli, Arnaldo - Autografi Roma Biblioteca Angelica Bocelli, Arnaldo - Autografi Roma Biblioteca Angelica
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

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Titolo	Multiobjective Optimization : Interactive and Evolutionary Approaches / / edited by Jürgen Branke, Kalyanmoy Deb, Kaisa Miettinen, Roman Slowiski
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-88908-6
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XX, 470 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5252
Disciplina	658.403
Soggetti	Computer programming Computer science Algorithms Numerical analysis Computer science - Mathematics Discrete mathematics Programming Techniques Theory of Computation Numerical Analysis Discrete Mathematics in Computer Science

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This [volume] originates from the International Seminar on Practical Approaches to Multiobjective Optimization, held in Dagstuhl Castle, Germany, in December 2006 ..."--Cover p. [4].
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basics on Multiobjective Optimization -- to Multiobjective Optimization: Noninteractive Approaches -- to Multiobjective Optimization: Interactive Approaches -- to Evolutionary Multiobjective Optimization -- Recent Interactive and Preference-Based Approaches -- Interactive Multiobjective Optimization Using a Set of Additive Value Functions -- Dominance-Based Rough Set Approach to Interactive Multiobjective Optimization -- Consideration of Partial User Preferences in Evolutionary Multiobjective Optimization -- Interactive Multiobjective Evolutionary Algorithms -- Visualization of Solutions -- Visualization in the Multiple Objective Decision-Making Framework -- Visualizing the Pareto Frontier -- Modelling, Implementation and Applications -- Meta-Modeling in Multiobjective Optimization -- Real-World Applications of Multiobjective Optimization -- Multiobjective Optimization Software -- Parallel Approaches for Multiobjective Optimization -- Quality Assessment, Learning, and Future Challenges -- Quality Assessment of Pareto Set Approximations -- Interactive Multiobjective Optimization from a Learning Perspective -- Future Challenges.
Sommario/riassunto	Multiobjective optimization deals with solving problems having not only one, but multiple, often conflicting, criteria. Such problems can arise in practically every field of science, engineering and business, and the need for efficient and reliable solution methods is increasing. The task is challenging due to the fact that, instead of a single optimal solution, multiobjective optimization results in a number of solutions with different trade-offs among criteria, also known as Pareto optimal or efficient solutions. Hence, a decision maker is needed to provide additional preference information and to identify the most satisfactory solution. Depending on the paradigm used, such information may be introduced before, during, or after the optimization process. Clearly, research and application in multiobjective optimization involve expertise in optimization as well as in decision support. This state-of-the-art survey originates from the International Seminar on Practical Approaches to Multiobjective Optimization, held in Dagstuhl Castle, Germany, in December 2006, which brought together leading experts from various contemporary multiobjective optimization fields, including evolutionary multiobjective optimization (EMO), multiple criteria decision making (MCDM) and multiple criteria decision aiding (MCDA). This book gives a unique and detailed account of the current status of research and applications in the field of multiobjective optimization. It contains 16 chapters grouped in the following 5 thematic sections: Basics on Multiobjective Optimization; Recent Interactive and Preference-Based Approaches; Visualization of Solutions; Modelling, Implementation and Applications; and Quality Assessment, Learning, and Future Challenges.