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Autore	Borne Pierre
Titolo	Optimization in engineering sciences [[electronic resource]] : exact methods / / Pierre Borne ... [et al.]
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Descrizione fisica	1 online resource (328 p.)
Collana	ISTE
Altri autori (Persone)	BornePierre
Disciplina	519.92 629.89
Soggetti	Engineering mathematics Mathematical optimization Program transformation (Computer programming) Algorithms Systems engineering
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	Title Page; Contents; Foreword; Preface; List of Acronyms; Chapter 1. Linear Programming; 1.1. Objective of linear programming; 1.2. Stating the problem; 1.3. Lagrange method; 1.4. Simplex algorithm; 1.4.1. Principle; 1.4.2. Simplicial form formulation; 1.4.3. Transition from one simplicial form to another; 1.4.4. Summary of the simplex algorithm; 1.5. Implementation example; 1.6. Linear programming applied to the optimization of resource allocation; 1.6.1. Areas of application; 1.6.2. Resource allocation for advertising; 1.6.3. Optimization of a cut of paper rolls 1.6.4. Structure of linear program of an optimal control problemChapter 2. Nonlinear Programming; 2.1. Problem formulation; 2.2. Karush-Kuhn-Tucker conditions; 2.3. General search algorithm; 2.3.1. Main steps; 2.3.2. Computing the search direction; 2.3.3. Computation of advancement step; 2.4. Monovariable methods; 2.4.1. Coggin's method (of polynomial interpolation); 2.4.2. Golden section

Sommario/riassunto

The purpose of this book is to present the main methods of static and dynamic optimization. It has been written within the framework of the European Union project - ERRIC (Empowering Romanian Research on Intelligent Information Technologies), funded by the EU's FP7 Research Potential program and developed in cooperation between French and Romanian teaching researchers.Through the principles of various proposed algorithms (with additional references) this book allows the interested reader to explore various methods of implementation such as linear programming, nonlinear programming - p

2. Record Nr. UNINA9910151682503321

Autore	Piot Maudy
Titolo	Vulnérabilités, Handicaps, Discriminations : Association Femmes Pour le Dire, Femmes Pour Agir
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ISBN	9782336696980 2336696983
Edizione	[1st ed.]
Descrizione fisica	1 online resource (112 pages)
Soggetti	Women with disabilities Discrimination against people with disabilities
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book, coordinated by Maudy Piot, addresses the societal perceptions and challenges faced by individuals with disabilities, particularly focusing on women. It highlights the mental barriers imposed by society rather than the physical ones, advocating for a new ethical perspective that recognizes the capabilities and citizenship of disabled individuals. The work is presented in collaboration with the Association Femmes pour le Dire, Femmes pour Agir, which aims to combat discrimination and affirm the full citizenship of women with disabilities. The book emphasizes the importance of viewing disabilities as a form of diversity and richness, rather than a weakness, and encourages societal support for autonomy and inclusion. It is intended for readers interested in social justice, disability rights, and women's issues.