1.	Record Nr.	UNISA996308750903316
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	Titolo	An introduction to nonlinear optimization theory / / Marius Durea and Radu Strugariu; managing editor; Aleksandra Nowacka-Leverton; associate editor, Vicentiu Radulescu; language editor, Nick Rogers
	Pubbl/distr/stampa	Warsaw, [Poland] ; ; Berlin, [Germany] : , : De Gruyter Open, , 2014 ©2014
	ISBN	3-11-042735-4 3-11-042604-8
	Descrizione fisica	1 online resource (328 pages)
	Disciplina	519.3
	Soggetti	Mathematical optimization Nonlinear theories
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Front matter -- Contents -- Preface -- 1 Preliminaries -- 2 Nonlinear Analysis Fundamentals -- 3 The Study of Smooth Optimization Problems -- 4 Convex Nonsmooth Optimization -- 5 Lipschitz Nonsmooth Optimization -- 6 Basic Algorithms -- 7 Exercises and Problems, and their Solutions -- Bibliography -- List of Notations -- Index
	Sommario/riassunto	The goal of this book is to present the main ideas and techniques in the field of continuous smooth and nonsmooth optimization. Starting with the case of differentiable data and the classical results on constrained optimization problems, and continuing with the topic of nonsmooth objects involved in optimization theory, the book concentrates on both theoretical and practical aspects of this field. This book prepares those who are engaged in research by giving repeated insights into ideas that are subsequently dealt with and illustrated in detail.