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	Descrizione fisica	1 online resource (377 p.)
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	Soggetti	Operations research Decision making Mathematical optimization Numerical analysis Management science Calculus of variations Operations Research/Decision Theory Optimization Numeric Computing Operations Research, Management Science Continuous Optimization Calculus of Variations and Optimal Control; Optimization
	Lingua di pubblicazione	Inglese
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction -- Nonsmooth Analysis and Optimization -- Nonsmooth Problems -- Nonsmooth Optimizational Methods.
	Sommario/riassunto	This book is the first easy-to-read text on nonsmooth optimization (NSO, not necessarily dierentiable optimization). Solving these kinds of problems plays a critical role in many industrial applications and real-world modeling systems, for example in the context of image denoising, optimal control, neural network training, data mining, economics, and computational chemistry and physics. The book covers both the theory and the numerical methods used in NSO, and provides an overview of dierent problems arising in the eld. It is organized

into three parts: 1.convex and nonconvex analysis and the theory of NSO; 2.test problems and practical applications; 3.a guide to NSO software. The book is ideal for anyone teaching or attending NSO courses. As an accessible introduction to the eld, it is also well suited as an independent learning guide for practitioners already familiar with the basics of optimization.