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	Autore	Li Li
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	Descrizione fisica	1 online resource (X, 140 p. 30 illus., 25 illus. in color.)
	Collana	Springer Optimization and Its Applications, , 1931-6828 ; ; 103
	Disciplina	519.3
	Soggetti	Operations research
		Management science
		Computer software
		Mathematical models
		Operations Research, Management Science
		Mathematical Software
		Mathematical Modeling and Industrial Mathematics
	Lingua di pubblicazione	Inglese
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	Nota di contenuto	Preliminary Knowledge -- Support Vector Machines -- Parameter Estimations -- Norm Approximation and Regulariztion -- Semi-Definite Programing and Linear Matrix Inequalities -- Convex Relaxation -- Geometric Problems.
	Sommario/riassunto	This book focuses on the applications of convex optimization and highlights several topics, including support vector machines, parameter estimation, norm approximation and regularization, semi-definite programming problems, convex relaxation, and geometric problems. All derivation processes are presented in detail to aid in comprehension. The book offers concrete guidance, helping readers recognize and formulate convex optimization problems they might encounter in practice.