1.	Record Nr.	UNISALENTO991001370079707536
	Autore	Kalashnikov, Vladimir Viacheslavovich
	Titolo	Stability problems for stochastic models : proceedings of the 6th International seminar, held in Moscow, USSR, April 1982 / edited by V. V. Kalashnikov and V. M. Zolotarev
	Pubbl/distr/stampa	Berlin : Springer-Verlag, 1983
	ISBN	0387122788
	Descrizione fisica	xvi, 295 p. : ill. ; 25 cm.
	Collana	Lecture notes in mathematics, 0075-8434 ; 982
	Classificazione	AMS 60-06
		AMS 60B10
		AMS 60B99
		AMS 60E10
		AMS 60E99
		AMS 60F05
		AMS 60K25
		AMS 60K99
		AMS 62E10
		AMS 62F10
		AMS 62F35
		AMS 62H12
		AMS 62P99
	Altri autori (Persone)	Zolotarev, Vladimir M.
	Disciplina	519.2
	Soggetti	Stability - Congresses
		Stochastic processes - Congresses
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliographical references.
		Organized by the Steklov Mathematical Institute of the Academy of Sciences of USSR, the International Research Institute of Control Problems, and the Institute for Systems Studies

2.	Record Nr.	UNINA9910799219203321
	Autore	Pardalos Panos M
	Titolo	Non-convex multi-objective optimization / / by Panos M. Pardalos, Antanas Žilinskas, Julius Žilinskas
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-61007-4
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (192 pages) : illustrations, tables
	Collana	Springer Optimization and Its Applications, , 1931-6828 ; ; 123
	Disciplina	519.3
	Soggetti	Mathematical optimization
		Algorithms
		Computer science—Mathematics
		Computer science - Mathematics
		Optimization
		Mathematical Applications in Computer Science
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1. Definitions and Examples -- 2. Scalarization -- 3. Approximation and Complexity -- 4. A Brief Review of Non-Convex Single-Objective Optimization -- 5. Multi-Objective Branch and Bound -- 6. Worst-Case Optimal Algorithms -- 7. Statistical Models Based Algorithms -- 8. Probabilistic Bounds in Multi-Objective Optimization -- 9. Visualization of a Set of Pareto Optimal Decisions -- 10. Multi-Objective Optimization Aided Visualization of Business Process Diagrams. – References -- Index.
	Sommario/riassunto	Recent results on non-convex multi-objective optimization problems and methods are presented in this book, with particular attention to expensive black-box objective functions. Multi-objective optimization methods facilitate designers, engineers, and researchers to make decisions on appropriate trade-offs between various conflicting goals. A variety of deterministic and stochastic multi-objective optimization methods are developed in this book. Beginning with basic concepts and a review of non-convex single-objective optimization problems; this book moves on to cover multi-objective branch and bound algorithms,

worst-case optimal algorithms (for Lipschitz functions and bi-objective problems), statistical models based algorithms, and probabilistic branch and bound approach. Detailed descriptions of new algorithms for non-convex multi-objective optimization, their theoretical substantiation, and examples for practical applications to the cell formation problem in manufacturing engineering, the process design in chemical engineering, and business process management are included to aide researchers and graduate students in mathematics, computer science, engineering, economics, and business management. .