

1.	Record Nr.	UNINA990001227810403321
	Autore	Landau, Lev Davidovich <1908-1968>
	Titolo	Mechanics: The Course of Theoretical Physics / by LANDAU. LIFSHITZ
	Pubbl/distr/stampa	Oxford : Pergamon Press, 1960
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	Collocazione	31-B-17
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
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2.	Record Nr.	UNISALENTO991003752259707536
	Autore	Scolnicov, S.
	Titolo	Momenti e problemi di storia del platonismo / S. Scolnicov...[et al.]
	Pubbl/distr/stampa	Catania : Universita' di Catania, 1984
	Descrizione fisica	143 p. ; 21 cm.
	Collana	Symbolon ; 1
	Altri autori (Persone)	Manganaro, Paolo Martello, Concetto Taormina, Daniela P. Di Stefano, E.
	Soggetti	PLATONE Platonismo
	Lingua di pubblicazione	Italiano
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3. Record Nr.	UNINA9911019207003321
Autore	Berkovitz Leonard David <1924->
Titolo	Convexity and optimization in R [superscript n] / / Leonard D. Berkovitz
Pubbl/distr/stampa	New York, : J. Wiley, c2002
ISBN	9786610367009 9781280367007 1280367008 9780470311820 0470311827 9780471461661 0471461660 9780471249702 047124970X
Descrizione fisica	1 online resource (283 p.)
Collana	Pure and applied mathematicss
Disciplina	516/.08
Soggetti	Convex sets Mathematical optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 261-262) and index.
Nota di contenuto	CONVEXITY AND OPTIMIZATION IN $R(n)$; CONTENTS; Preface; I Topics in Real Analysis; 1. Introduction; 2. Vectors in $R(n)$; 3. Algebra of Sets; 4. Metric Topology of $R(n)$; 5. Limits and Continuity; 6. Basic Property of Real Numbers; 7. Compactness; 8. Equivalent Norms and Cartesian Products; 9. Fundamental Existence Theorem; 10. Linear Transformations; 11. Differentiation in $R(n)$; II Convex Sets in $R(n)$; 1. Lines and Hyperplanes in $R(n)$; 2. Properties of Convex Sets; 3. Separation Theorems; 4. Supporting Hyperplanes: Extreme Points; 5. Systems of Linear Inequalities: Theorems of the Alternative 6. Affine Geometry 7. More on Separation and Support; III Convex Functions; 1. Definition and Elementary Properties; 2. Subgradients; 3. Differentiable Convex Functions; 4. Alternative Theorems for Convex Functions; 5. Application to Game Theory; IV Optimization Problems; 1. Introduction; 2. Differentiable Unconstrained Problems; 3. Optimization

of Convex Functions; 4. Linear Programming Problems; 5. First-Order Conditions for Differentiable Nonlinear Programming Problems; 6. Second-Order Conditions; V Convex Programming and Duality; 1. Problem Statement
2. Necessary Conditions and Sufficient Conditions 3. Perturbation Theory; 4. Lagrangian Duality; 5. Geometric Interpretation; 6. Quadratic Programming; 7. Duality in Linear Programming; VI Simplex Method; 1. Introduction; 2. Extreme Points of Feasible Set; 3. Preliminaries to Simplex Method; 4. Phase II of Simplex Method; 5. Termination and Cycling; 6. Phase I of Simplex Method; 7. Revised Simplex Method; Bibliography; Index

Sommario/riassunto

A comprehensive introduction to convexity and optimization in $\mathbb{R}^n$ This book presents the mathematics of finite dimensional constrained optimization problems. It provides a basis for the further mathematical study of convexity, of more general optimization problems, and of numerical algorithms for the solution of finite dimensional optimization problems. For readers who do not have the requisite background in real analysis, the author provides a chapter covering this material. The text features abundant exercises and problems designed to lead the reader to a fundamental understanding of t
