1. Record Nr. UNINA9910139583403321

Autore	Kaplan Wilfred <1915->
Titolo	Maxima and minima with applications [[electronic resource]] : practical optimization and duality / / Wilfred Kaplan
Pubbl/distr/stampa	New York, : Wiley, c1999
ISBN	1-283-30621-2 9786613306210 1-118-03279-9 1-118-03104-0
Descrizione fisica	1 online resource (298 p.)
Collana	Wiley-Interscience series in discrete mathematics and optimization
Disciplina	511.66 511/.66 519.3
Soggetti	Maxima and minima Mathematical optimization Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Wiley-Interscience publication."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Maxima and Minima with Applications: Practical Optimization and Duality; Contents; Preface; 1 Maxima and Minima in Analytic Geometry; 1.1 Maxima and Minima; Case of Functions of One Variable; Problems 1.1-1.5; 1.2 Convexity; 1.3 Convexity and Maxima and Minima; Problems 1.6-1.16; 1.4 Problems in Two Dimensions; Problems 1.17-1.27; 1.5 Some Geometric Extremum Problems; Problems 1.28-1.36; 1.6 Geometry of n-Dimensional Space; 1.7 Convex Functions of n Variables; 1.8 Quadratic Forms; Problems 1.37-1.55; 1.9 Convexity and Extrema, Level Sets and Sublevel Sets; Problems 1.56-1.63; 1.10 Stability 1.11 Global Asymptotic Stability, Application to Finding MinimizerProblems 1.64-1.73; 1.12 Extrema of Functions on Unbounded Closed Sets; 1.13 Shortest Distance from a Linear Variety; Problems 1.74-1.84; 1.14 Other Inner Products and Norms in Rn; 1.15 More on Minimum Problems for Quadratic Functions; Problems 1.85-1.93; 1.16 Physical Applications; Problems 1.94-1.96; 1.17 Best

Approximation by Polynomials; Problems 1.97-1.105; References; 2 Side Conditions; 2.1 Review of Vector Calculus; Problems 2.1-2.13; 2.2 Local Maxima and Minima, Side Conditions; Problems 2.14-2.21
2.3 Second-Derivative TestProblems 2.22-2.26; 2.4 Gradient Method for Finding Critical Points; Problems 2.27-2.28; 2.5 Applications; Problems 2.29-2.33; 2.6 Karush-Kuhn-Tucker Conditions; Problems 2.34-2.37; 2.7 Sufficient Conditions for the Mathematical Programming Problem; 2.8 Proof of the Karush-Kuhn-Tucker Conditions; Problems 2.38-2.49; References; 3 Optimization; 3.1 Convexity; Problems 3.1-3.17; 3.2 Mathematical Programming, Duality; 3.3 Unconstrained Quadratic Optimization; Problems 3.18-3.28; 3.4 Constrained Quadratic Optimization in Rn
3.5 QP with Inequality Constraints, QP AlgorithmProblems 3.29-3.38; 3.6 Linear Programming; 3.7 Simplex Algorithm; Problems 3.39-3.55; 3.8 LP with Bounded Variables; Problems 3.56-3.62; 3.9 Convex Functions and Convex Programming; Problems 3.63-3.68; 3.10 The Fermat-Weber Problem and a Dual Problem; Problems 3.69-3.76; 3.11 A Duality Relation in Higher Dimensions; Problems 3.77-3.84; References; 4 Fenchel-Rockafellar Duality Theory; 4.1 Generalized Directional Derivative; Problems 4.1-4.5; 4.2 Local Structure of the Boundary of a Convex Set; Problems 4.6-4.8
4.3 Supporting Hyperplane, Separating HyperplaneProblems 4.9-4.15; 4.4 New Definition of Convex Function, Epigraph, Hypograph; Problems 4.16-4.17; 4.5 Conjugate of Convex and Concave Functions; Problems 4.18-4.24; 4.6 Fenchel Duality Theorem; Problems 4.25-4.32; 4.7 Rockafellar Duality Theorem; 4.8 Proof of Lemma C; Problems 4.33-4.45; 4.9 Norms, Dual Norms, Minkowski Norms; Problems 4.46-4.61; 4.10 Generalized Fermat-Weber Problem; 4.11 Application to Facility Location; Problems 4.62-4.74; References; Appendix: Linear Algebra; Answers to Selected Problems; Index

Sommario/riassunto

This new work by Wilfred Kaplan, the distinguished author of influential mathematics and engineering texts, is destined to become a classic. Timely, concise, and content-driven, it provides an intermediate-level treatment of maxima, minima, and optimization. Assuming only a background in calculus and some linear algebra, Professor Kaplan presents topics in order of difficulty. In four short chapters, he describes basic concepts and geometric aspects of maxima and minima, progresses to problems with side conditions, introduces optimization and programming, and concludes with an in-depth discuss

2. Record Nr. UNISA996389786203316

Autore	Stephens Edward <d. 1706.>
Titolo	Tracts theological [[electronic resource]] : I. Asceticks, or, the heroick piety and vertue of the ancient Christian anchorets and coenobites. II. The life of St. Antony out of the Greek of Sr. Athanasius. III. The antiquity and tradition of mystical divinity among the Gentiles. IV. Of the guidance of the spirit of God, upon a discourse of Sir Matthew Hale's concerning it. V. An invitation to the Quakers, to rectifie some errors, which through the scandals given they have fallen into
Pubbl/distr/stampa	London, : Printed, and are to be sold by Dan. Brown, at the Black-Swan and Bible without Temple-Bar : and Rich. Smith, at the Angel without Lincolns-Inn-Gate, near the Fields, 1697
Descrizione fisica	[2], 128, [16], 96, [16], 78, [2], 40, 64 p
Altri autori (Persone)	StephensEdward <d. 1706.>
Soggetti	Asceticism Theology Quakers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to Edward Stephens by Wing. Pts. 1, 2, and 5 have separate special t.p.'s; pts. 3-4 combined under one special t.p. Reproduction of original in the Trinity College (Dublin, Ireland) Library.
Sommario/riassunto	eebo-0159

3.

Record Nr.	UNINA9910953281203321
Autore	Zhang Fan
Titolo	Groundwater reactive transport models / / edited by Fan Zhang, Gour-Tsyh (George) Yeh, Jack C. Parker ; copy editor, Xiaonan Shi
Pubbl/distr/stampa	Dubai, United Arab Emirates, : Bentham Books, 2012
ISBN	9781608053063 1608053067
Edizione	[1st ed.]
Descrizione fisica	1 online resource (254 p.)
Altri autori (Persone)	ZhangFan YehGour-Tsyh <1940-> (George) ParkerJack C ShiXiaonan
Disciplina	628.1/685
Soggetti	Groundwater flow - Mathematical models Groundwater - Pollution Transport theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	02 Cover Page; 03 REVISED eBooks End User License Agreement-Website; 04 Contents; 05 Foreword_czheng; 06 Preface; 07 Contributors; 08 Chapter 1_Yeh et al_HYDROGEOCHEMA; 09 Chapter 2_Wheeler et al_IPARS-FINAL; 10 Chapter 3_Xu et al-revised-_TOUGHREACT; 11 Chapter 4_Clement et al_RT3D; 12 Chapter 5_White et al_STOMP-ECKEChem; 13 Chapter 6_Hammond et al_PFLOTRAN; 14 Chapter 7_ Samper et al_CORE2D V4; 15 Chapter 8_ Mayer et al_MIN3P; 16 Chapter 9_ Hao et al_NUFT; 17 Index
Sommario/riassunto	Ground water reactive transport models are useful to assess and quantify contaminant precipitation, absorption and migration in subsurface media. Many ground water reactive transport models available today are characterized by varying complexities, strengths, and weaknesses. Selecting accurate, efficient models can be a challenging task. This ebook addresses the needs, issues and challenges relevant to selecting a ground water reactive transport model to evaluate natural attenuation and alternative remediation schemes. It should serve as a handy guide for water resource managers

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4.

Record Nr.	UNINA9910955518903321
Autore	Levy Reuben
Titolo	The Persian language / / by Reuben Levy
Pubbl/distr/stampa	London ; ; New York, : Routledge, 2011
ISBN	1-136-84035-4 1-280-66161-5 1-136-84036-2 9786613638540 0-203-83301-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (135 p.)
Collana	Routledge library editions: Iran
Disciplina	491.555 891.4
Soggetti	Persian literature - History and criticism Persian language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reprint. Originally published: New York : Hutchinson's University Library, 1951.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; The Persian Language; Copyright; Contents; Chapter I. What Is Persian?; Chapter II. Script and Pronunciation; Chapter III. the Noun and Its Adjuncts; Chapter IV. the Noun and Its Adjuncts; Chapter V. the Stru Cture of the Sentence; Chapter VI. Structure of the Sentence; Chapter VII. Outstanding Figures in Persian Literature; Notes; 1 . the Religz'on of Persz'a.; 2. the Persian Calendar.; 3 . Proverbs and Popular Wisdom.; Appendix. Further Specimens of Persian Prose; Bibliography; Index
Sommario/riassunto	This book describes the structure of modern Persia, showing the methods by which it conveys meaning in sentences and connected passages and illustrating its special characteristics. As an introduction there is a brief account of Persia, its inhabitants, their occupations and beliefs; some attempt is made also to show how the language has been modified by the events of Persian history. A section is devoted to representative writings.