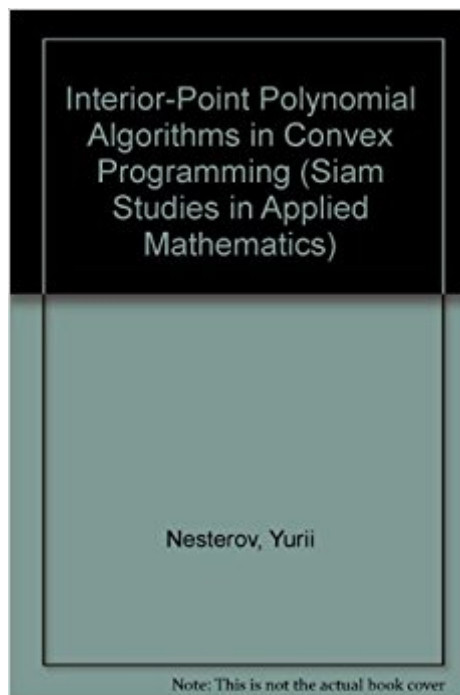The book was found

Interior Point Polynomial Algorithms In Convex Programming (Siam Studies In Applied Mathematics)

Interior-Point Polynomial Algorithms in Convex Programming (Siam Studies in Applied Mathematics)

Nesterov, Yurii

Note: This is not the actual book cover

Synopsis

Written for specialists working in optimization, mathematical programming, or control theory. The general theory of path-following and potential reduction interior point polynomial time methods, interior point methods, interior point methods for linear and quadratic programming, polynomial time methods for nonlinear convex programming, efficient computation methods for control problems and variational inequalities, and acceleration of path-following methods are covered. In this book, the authors describe the first unified theory of polynomial-time interior-point methods. Their approach provides a simple and elegant framework in which all known polynomial-time interior-point methods can be explained and analyzed; this approach yields polynomial-time interior-point methods for a wide variety of problems beyond the traditional linear and quadratic programs. --This text refers to an out of print or unavailable edition of this title.

Book Information

Series: Siam Studies in Applied Mathematics (Book 13)

Hardcover: 405 pages

Publisher: Soc for Industrial & Applied Math (January 1994)

Language: English

ISBN-10: 0898713196

ISBN-13: 978-0898713190

Product Dimensions: 1 x 7.5 x 10.5 inches

Shipping Weight: 2.4 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #477,321 in Books (See Top 100 in Books)   #65 inÂ Books > Science & Math > Mathematics > Applied > Linear Programming   #1856 inÂ Books > Textbooks > Computer Science > Programming Languages   #5764 inÂ Books > Textbooks > Science & Mathematics > Mathematics

Customer Reviews

"...the single most important contribution to the literature on optimization in the last decade." -- Aharon Ben-Tal, Professor of Operations Research, Technion-Israel Institute of Technology"This is an outstanding book, a landmark in the study of complexity in mathematical programming...is likely to become a classic" -- M. J. Todd, Cornell University, Mathematics of Computation, Vol. 65, No. 214, April 1996 --This text refers to an out of print or unavailable edition of this title.

Yurii Nesterov is Senior Research Associate at the Central Economic and Mathematical Institute, Moscow. Arkadii Nemirovskii is Leading Research Associate at the Central Economic and Mathematical Institute, Moscow. --This text refers to an out of print or unavailable edition of this title.

Interior Point Polynomial Algorithms in Convex Programming (Siam Studies in Applied Mathematics) Python Programming: Python Programming for Beginners, Python Programming for Intermediates, Python Programming for Advanced C++: The Ultimate Crash Course to Learning the Basics of C++ (C programming, C++ in easy steps, C++ programming, Start coding today) (CSS,C Programming, ... Programming,PHP, Coding, Java Book 1) Foundations of Measurement Volume I: Additive and Polynomial Representations (Dover Books on Mathematics) Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Linear Programming with MATLAB (MPS-SIAM Series on Optimization) Differential Equations and Their Applications: An Introduction to Applied Mathematics (Texts in Applied Mathematics) (v. 11) Principles of Mathematical Analysis (International Series in Pure and Applied Mathematics) (International Series in Pure & Applied Mathematics) Introduction to the Foundations of Applied Mathematics (Texts in Applied Mathematics) Convex Analysis and Nonlinear Optimization: Theory and Examples (CMS Books in Mathematics) Convex Analysis (Princeton Landmarks in Mathematics and Physics) Convex Bodies: The Brunn-Minkowski Theory (Encyclopedia of Mathematics and its Applications) The Volume of Convex Bodies and Banach Space Geometry (Cambridge Tracts in Mathematics) Linear Programming: An Introduction to Finite Improvement Algorithms: Second Edition (Dover Books on Mathematics) C++ and Python Programming: 2 Manuscript Bundle: Introductory Beginners Guide to Learn C++ Programming and Python Programming C++ and Python Programming 2 Bundle Manuscript. Introductory Beginners Guide to Learn C++ Programming and Python Programming Python Programming: The Complete Step By Step Guide to Master Python Programming and Start Coding Today! (Computer Programming Book 4) Fractal Geometry and Dynamical Systems in Pure and Applied Mathematics I: Fractals in Pure Mathematics (Contemporary Mathematics) The Peoples and Politics of the Far East: Travels and Studies in the British, French, Spanish and Portuguese Colonies, Siberia, China, Japan, Korea, Siam and Malaya Practical Algorithms in Pediatric Nephrology: (Practical Algorithms in Pediatrics. Series Editor: Z. Hochberg)

Privacy

FAQ & Help