

The book was found

An Illustrated Guide To Linear Programming



Synopsis

"I would not hesitate to recommend the book." — Industrial Engineering

Linear programming is an extremely effective problem-solving tool, with applications in business, agriculture, government, manufacturing, transportation, engineering, and many other areas. This very readable book presents an elementary introduction to linear programming in a refreshing, often humorous style. Requiring no math beyond high-school algebra, the book shows how linear programming can help anyone reach the optimum solution for a host of diverse problems. Chapter One introduces the basic concepts of linear programming and discusses its relationship to other mathematical models. Chapter Two discusses the formulation of linear-programming problems, including detailed treatment of problems involving diet, catering, assignment, and activity analysis. Chapter Three briefly introduces solution techniques for linear-programming problems, emphasizing the graphical approach. The final chapter describes and formulates a number of important applications, including network problems, traveling-salesman problems and the relationship between linear programming and the theory of games. Finally, a useful appendix offers precise statements of definitions, theorems and techniques, as well as additional computational procedures. Enlivened with over 70 excellent illustrations, this book represents a very accessible introduction to basic linear programming.

Book Information

Paperback: 190 pages

Publisher: Dover Publications; Revised ed. edition (March 1, 1990)

Language: English

ISBN-10: 0486262588

ISBN-13: 978-0486262581

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 8.8 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars — See all reviews (11 customer reviews)

Best Sellers Rank: #621,802 in Books (See Top 100 in Books) #89 in Books > Science & Math > Mathematics > Applied > Linear Programming #156 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Technology #3486 in Books > Computers & Technology > Computer Science

Customer Reviews

Read: 5/14 Rate: 1/55/14: An Illustrated Guide to Linear Programming is a bare-bones primer on

linear programming. The author brings up some examples, goes at a great length discussing them, invokes some historical trivia, and skips a lot of solving, only to give the answers. Be forewarned: An Illustrated Guide to Linear Programming only covers the graphical method of linear programming, skipping the simplex method. There are two camps of readers before the book: the tyros and the seasoned vets. The former will have absolutely no clue for most of the book because the exposition can vary between technical and layman's terms. The latter will find nothing new provided they have had a lot of experience with it. Undoubtedly, for the reader with a robotic mind, he will find the ever technical chapter, Mathematical Appendix and Summary of Application, gratifying. Throughout, An Illustrated Guide to Linear Programming is seriously lacking in pedagogy, worked-out examples, and exercises. If the reader is looking around for a thorough education in linear programming that covers nuances of graphical method, simplex method, and game theory, he will do himself a great justice by getting Finite Mathematics (8th Edition) and Student Solutions Manual for Finite Mathematics because these books combined together, pedagogically speaking, are unbelievably good and very detailed.

[Download to continue reading...](#)

Programming #8: C Programming Success in a Day & Android Programming In a Day! (C Programming, C++ programming, C++ programming language, Android, Android Programming, Android Games) Programming #57: C++ Programming Professional Made Easy & Android Programming in a Day (C++ Programming, C++ Language, C++ for beginners, C++, Programming ... Programming, Android, C, C Programming) Programming #45: Python Programming Professional Made Easy & Android Programming In a Day! (Python Programming, Python Language, Python for beginners, ... Programming Languages, Android Programming) C#: Programming Success in a Day: Beginners guide to fast, easy and efficient learning of C# programming (C#, C# Programming, C++ Programming, C++, C, C Programming, C# Language, C# Guide, C# Coding) Android: Programming in a Day! The Power Guide for Beginners In Android App Programming (Android, Android Programming, App Development, Android App Development, ... App Programming, Rails, Ruby Programming) DOS: Programming Success in a Day: Beginners guide to fast, easy and efficient learning of DOS programming (DOS, ADA, Programming, DOS Programming, ADA ... LINUX, RPG, ADA Programming, Android, JAVA) ASP.NET: Programming success in a day: Beginners guide to fast, easy and efficient learning of ASP.NET programming (ASP.NET, ASP.NET Programming, ASP.NET ... ADA, Web Programming, Programming) FORTRAN Programming success in a day: Beginners guide to fast, easy and efficient learning of FORTRAN programming (Fortran, C++, C, C programming, ... Programming, MYSQL, SQL Programming) Prolog

Programming; Success in a Day: Beginners Guide to Fast, Easy and Efficient Learning of Prolog Programming (Prolog, Prolog Programming, Prolog Logic, ... Programming, Programming Code, Java) Parallel Programming: Success in a Day: Beginners' Guide to Fast, Easy, and Efficient Learning of Parallel Programming (Parallel Programming, Programming, ... C++ Programming, Multiprocessor, MPI) Programming: Computer Programming for Beginners: Learn the Basics of Java, SQL & C++ - 3. Edition (Coding, C Programming, Java Programming, SQL Programming, JavaScript, Python, PHP) Raspberry Pi 2: Raspberry Pi 2 Programming Made Easy (Raspberry Pi, Android Programming, Programming, Linux, Unix, C Programming, C+ Programming) R Programming: Learn R Programming In A DAY! - The Ultimate Crash Course to Learning the Basics of R Programming Language In No Time (R, R Programming, ... Course, R Programming Development Book 1) Studies in linear and non-linear programming, (Stanford mathematical studies in the social sciences) XML Programming Success in a Day: Beginner's Guide to Fast, Easy, and Efficient Learning of XML Programming (XML, XML Programming, Programming, XML Guide, ... XSL, DTD's, Schemas, HTML5, JavaScript) An Illustrated Guide to Linear Programming Programming Raspberry Pi 3: Getting Started With Python (Programming Raspberry Pi 3, Raspberry Pi 3 User Guide, Python Programming, Raspberry Pi 3 with Python Programming) VBScript: Programming Success in a Day: Beginner's Guide to Fast, Easy and Efficient Learning of VBScript Programming (VBScript, ADA, ASP.NET, C#, ADA ... ASP.NET Programming, Programming, C++, C) MYSQL Programming Professional Made Easy 2nd Edition: Expert MYSQL Programming Language Success in a Day for any Computer User! (MYSQL, Android programming, ... JavaScript, Programming, Computer Software) Apps: Mobile App Trends in 2015 (iOS, Xcode Programming, App Development, iOS App Development, App Programming, Swift, Without Coding) ((Android, Android ... App Programming, Rails, Ruby Programming))

[Dmca](#)