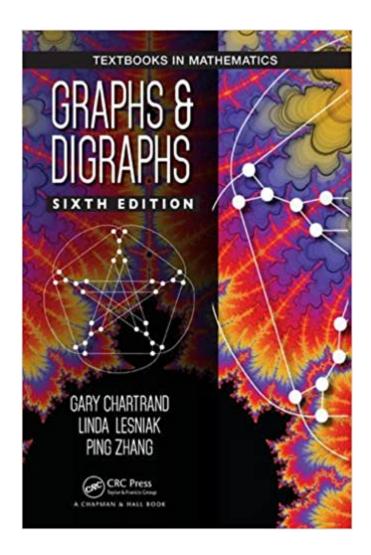


## The book was found

# Graphs & Digraphs, Sixth Edition (Textbooks In Mathematics)





# **Synopsis**

Graphs & Digraphs masterfully employs student-friendly exposition, clear proofs, abundant examples, and numerous exercises to provide an essential understanding of the concepts, theorems, history, and applications of graph theory. Fully updated and thoughtfully reorganized to make reading and locating material easier for instructors and students, the Sixth Edition of this bestselling, classroom-tested text: Adds more than 160 new exercises Presents many new concepts, theorems, and examples Includes recent major contributions to long-standing conjectures such as the Hamiltonian Factorization Conjecture, 1-Factorization Conjecture, and Alspachââ ¬â,,¢s Conjecture on graph decompositions Supplies a proof of the perfect graph theorem Features a revised chapter on the probabilistic method in graph theory with many results integrated throughout the text At the end of the book are indices and lists of mathematicians¢â ¬â,¢ names, terms, symbols, and useful references. There is also a section giving hints and solutions to all odd-numbered exercises. A complete solutions manual is available with qualifying course adoption. Graphs & Digraphs, Sixth Edition remains the consummate text for an advanced undergraduate level or introductory graduate level course or two-semester sequence on graph theory, exploring the subject A¢â ¬â,¢s fascinating history while covering a host of interesting problems and diverse applications.

### **Book Information**

Series: Textbooks in Mathematics (Book 39)

Hardcover: 640 pages

Publisher: Chapman and Hall/CRC; 6 edition (December 22, 2015)

Language: English

ISBN-10: 1498735762

ISBN-13: 978-1498735766

Product Dimensions: 6.2 x 1.5 x 9.3 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #691,181 in Books (See Top 100 in Books) #134 inà Â Books > Science &

Math > Mathematics > Pure Mathematics > Combinatorics #686 in A A Books > Textbooks >

Computer Science > Operating Systems #1461 inà Â Books > Computers & Technology >

Operating Systems

#### **Customer Reviews**

Praise for the Previous Edition "Now in its fifth edition, its success as a textbook is indicative of its quality and its clarity of presentation.  $\tilde{A}\phi\hat{a} \neg \hat{A}|$  The authors also describe the fascinating history behind some of the key problems in graph theory and, to a lesser extent, their applications. This book describes the key concepts you need to get started in graph theory.  $\tilde{A}\phi\hat{a} \neg \hat{A}|$  It provides all you might need to know about graph embeddings and graph colorings. Moreover, it analyzes many other topics that more general discrete mathematics monographs do not always cover, such as network flows, minimum cuts, matchings, factorization, decomposition, and even extremal graph theory.  $\tilde{A}\phi\hat{a} \neg \hat{A}|$  This thorough textbook includes hundreds of exercises at the end of each section. Hints and solutions for odd-numbered exercises are included in the appendix, making it especially suitable for self-learning." $\tilde{A}\phi\hat{a} \neg \hat{a}\phi$  Fernando Berzal, Computing Reviews, September 2011 "As with the earlier editions, the current text emphasizes clear exposition, well-written proofs, and many original and innovative exercises of varying difficulty and challenge.  $\tilde{A}\phi\hat{a} \neg \hat{A}|$  The fifth edition continues and extends these fine traditions." $\tilde{A}\phi\hat{a} \neg \hat{a}\phi$  Arthur T. White, Zentralblatt MATH 1211

Gary Chartrand is a professor emeritus of mathematics at Western Michigan University, Kalamazoo, Michigan, USA. Linda Lesniak, a professor emeritus of mathematics from Drew University, Madison, New Jersey, USA, is currently a visiting mathematician at Western Michigan University, Kalamazoo, Michigan, USA. Ping Zhang is a professor of mathematics at Western Michigan University, Kalamazoo, Michigan, USA. All three have authored or coauthored many textbooks in mathematics and numerous research articles in graph theory.

#### Download to continue reading...

Graphs & Digraphs, Sixth Edition (Textbooks in Mathematics) Graphs & Digraphs, Fifth Edition (Textbooks in Mathematics) Elements of Advanced Mathematics, Third Edition (Textbooks in Mathematics) Discrete Mathematics and Applications, Second Edition (Textbooks in Mathematics) Number Theory Through Inquiry (Maa Textbooks) (Mathematical Association of America Textbooks) Charts & Graphs (Surveying): Reference Guide (Surveying Mathematics Made Simple) (Volume 15) Functions and Graphs (Dover Books on Mathematics) Complex Graphs and Networks (CBMS Regional Conference Series in Mathematics) Random Graphs and Complex Networks: Volume 1 (Cambridge Series in Statistical and Probabilistic Mathematics) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) The Bantam Medical Dictionary, Sixth Edition: Updated and Expanded Sixth Edition Differential Equations: Theory, Technique and Practice, Second Edition (Textbooks in Mathematics) Principles of Fourier

Analysis, Second Edition (Textbooks in Mathematics) Introduction to Number Theory, 2nd Edition (Textbooks in Mathematics) Real Analysis and Foundations, Fourth Edition (Textbooks in Mathematics) Measure Theory and Fine Properties of Functions, Revised Edition (Textbooks in Mathematics) Real Analysis and Foundations, Second Edition (Textbooks in Mathematics) Mathematics for Engineers and Technologists (IIE Core Textbooks Series) Chance, Strategy, and Choice: An Introduction to the Mathematics of Games and Elections (Cambridge Mathematical Textbooks)

Contact Us

DMCA

Privacy

FAQ & Help