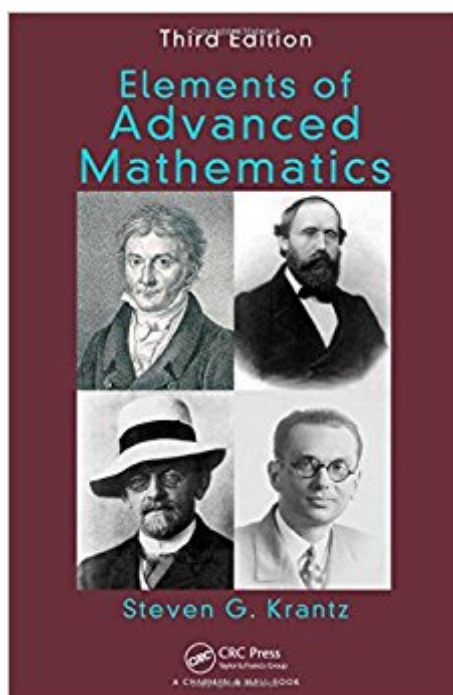


The book was found

# Elements Of Advanced Mathematics, Third Edition



## Synopsis

For many years, this classroom-tested, best-selling text has guided mathematics students to more advanced studies in topology, abstract algebra, and real analysis. Elements of Advanced Mathematics, Third Edition retains the content and character of previous editions while making the material more up-to-date and significant. This third edition adds four new chapters on point-set topology, theoretical computer science, the P/NP problem, and zero-knowledge proofs and RSA encryption. The topology chapter builds on the existing real analysis material. The computer science chapters connect basic set theory and logic with current hot topics in the technology sector. Presenting ideas at the cutting edge of modern cryptography and security analysis, the cryptography chapter shows students how mathematics is used in the real world and gives them the impetus for further exploration. This edition also includes more exercises sets in each chapter, expanded treatment of proofs, and new proof techniques. Continuing to bridge computationally oriented mathematics with more theoretically based mathematics, this text provides a path for students to understand the rigor, axiomatics, set theory, and proofs of mathematics. It gives them the background, tools, and skills needed in more advanced courses.

## Book Information

Hardcover: 367 pages

Publisher: Chapman and Hall/CRC; 3 edition (March 19, 2012)

Language: English

ISBN-10: 1439898340

ISBN-13: 978-1439898345

Product Dimensions: 0.8 x 6.5 x 9.5 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars Â Â See all reviews Â (2 customer reviews)

Best Sellers Rank: #1,069,300 in Books (See Top 100 in Books) #117 in Â Books > Science & Math > Mathematics > Pure Mathematics > Set Theory #191 in Â Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Abstract #245 in Â Books > Science & Math > Mathematics > Geometry & Topology > Topology

## Customer Reviews

FAST shipping, accurate description.

This was a required book for my Intro to Advanced Mathematics course. It was the first year this

professor taught the course, and about a month in we stopped using the text and he made his own notes. We found it difficult to read, but the exercises were useful. Also, the notation Krantz prefers to use tends to be the less common notations used in the math world.

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

Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Elements of Advanced Mathematics, Third Edition The Encyclopedia of Crystals, Herbs, and New Age Elements: An A to Z Guide to New Age Elements and How to Use Them Applied Abstract Algebra with Maple™ and MATLAB®, Third Edition: A Maple and MATLAB Approach, Third Edition (Textbooks in Mathematics) Advanced Mathematics for Engineers with Applications in Stochastic Processes. Aliakbar Montazer Haghighi, Jian-Ao Lian, Dimitar P. Mishev (Mathematics Research Developments) Third Eye Awakening: The Ultimate Guide on How to Open Your Third Eye Chakra to Experience Higher Consciousness and a State of Enlightenment (Third Eye, Pineal Gland, Chakra, Kundalini) The Elements of Style, Third Edition The Elements of Polymer Science and Engineering, Third Edition Elements of the Theory of Functions and Functional Analysis (Dover Books on Mathematics) Elements of Algebra: Geometry, Numbers, Equations (Undergraduate Texts in Mathematics) Spanish Reader For Advanced Students (Spanish Reader for Beginners, Intermediate and Advanced Students nº 5) (Spanish Edition) Spanish Reader Advanced III: Spanish Short Stories (Spanish Reader for Beginners, Intermediate & Advanced Students nº 7) (Spanish Edition) Coastal and Estuarine Processes (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Copán: The History of an Ancient Maya Kingdom (School for Advanced Research Advanced Seminar Series) John Patrick's Advanced Craps: The Advanced Player's Guide to Winning FlightBridgeED, LLC - FP-C/CFRN Certification Review & Advanced Practice Update: FP-C, CCP-C, CFRN, CCRN, CEN, CTRN advanced certification review study guide Philosophies And Theories For Advanced Nursing Practice (Butts, Philosophies and Theories for Advanced Nursing Practice) Advanced Grammar in Use with Answers: A Self-Study Reference and Practice Book for Advanced Learners of English Advanced organic chemistry: Reactions, mechanisms and structure (McGraw;Hill series in advanced chemistry)

[Dmca](#)