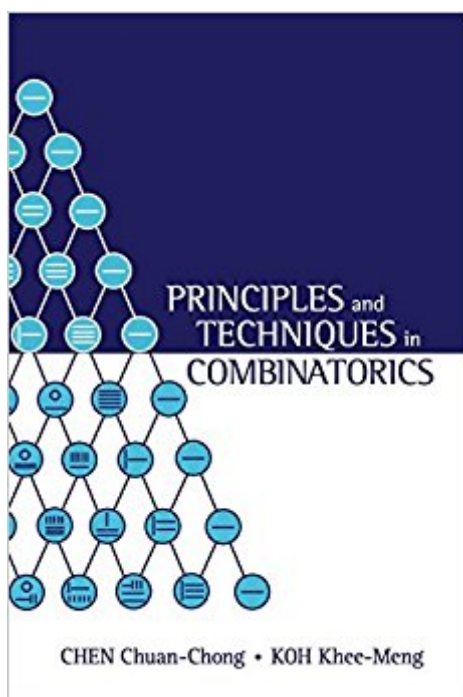


The book was found

# Principles And Techniques In Combinatorics



## Synopsis

A textbook suitable for undergraduate courses. The materials are presented very explicitly so that students will find it very easy to read. A wide range of examples, about 500 combinatorial problems taken from various mathematical competitions and exercises are also included.

## Book Information

Paperback: 312 pages

Publisher: World Scientific Publishing Company (July 1, 1992)

Language: English

ISBN-10: 9810211392

ISBN-13: 978-9810211394

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (11 customer reviews)

Best Sellers Rank: #625,417 in Books (See Top 100 in Books) #99 in [Books > Science & Math > Mathematics > Pure Mathematics > Combinatorics](#) #5897 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

## Customer Reviews

Oh how I wish I had found this book at the beginning of my semester of combinatorics instead of at its end...When I found this tome here on it was at the behest of a reviewer that stated the strength of this book in the explanation of Recurrence Relations. I can't agree further. The text assigned for my class was Tucker's Applied Combinatorics book, and to be frank, it's a fairly decent text that does have an incredibly strong introduction to Generating Functions that goes down as one of the finest I have encountered. However, this book also discusses sequence creation using generating functions, something that Tucker leaves out. This book is a \*true\* introduction to combinatorics, explicitly detailing every step of every proof--something direly missing in most other texts of this type. Most people taking this class have only had a rudimentary sampling of proof techniques (comp-sci majors usually take combinatorics) and this book helps fill in the missing gaps left in slightly higher-flyers such as Tucker's. But the reason this one is such a gem in recurrence relations is that it goes in depth in teaching you HOW TO MODEL with this tool. Tucker assumes you can do that already. His chapter on modeling is light on problems and doesn't explain the examples as clearly as this one does. This book also shows some incredibly creative problem solutions that crafty high-schoolers have devised (being olympiad trainers) that help you think about other

implications in things such as Pascal's triangle. It does a great job of improving mathematical thinking and if I didn't enjoy Tucker's chapter on generating functions so much I would sell that thing in a heartbeat.

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

Principles and Techniques in Combinatorics Combinatorics: Topics, Techniques, Algorithms Combinatorial Optimization: Theory and Algorithms (Algorithms and Combinatorics) Geometric Algorithms and Combinatorial Optimization (Algorithms and Combinatorics) Schaum's Outline of Theory and Problems of Combinatorics including concepts of Graph Theory Algebra, Logic and Combinatorics (Ltcc Advanced Mathematics) Additive Combinatorics (Cambridge Studies in Advanced Mathematics) A Path to Combinatorics for Undergraduates: Counting Strategies Applied Combinatorics Counting: The Art of Enumerative Combinatorics (Undergraduate Texts in Mathematics) Introductory Combinatorics (5th Edition) Applied Combinatorics, Second Edition The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents) Painting: Techniques for Beginners to Watercolor Painting, Painting Techniques and How to Paint (Painting,Oil Painting,Acrylic Painting,Water Color Painting,Painting Techniques Book 3) His Forge Burns Hot for Mosaic Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns. NLP: NLP TECHNIQUES: HYPNOTIC LANGUAGE PATTERNS to Easily Attract More Success (PLUS: FREE BONUS AUDIOBOOK) (NLP books, NLP sales, sales techniques, NLP techniques, NLP Book 4) Learning: 25 Learning Techniques for Accelerated Learning - Learn Faster by 300%! (Learning, Memory Techniques, Accelerated Learning, Memory, E Learning, ... Learning Techniques, Exam Preparation) Chestnut's Obstetric Anesthesia: Principles and Practice: Expert Consult - Online and Print, 5e (Chestnut, Chestnut's Obstetric Anesthesia: Principles and Practice) Colposcopy: Principles and Practice, Text with DVD, 2e (Apgar,Colposcopy: Principles and Practice) Cardiopulmonary Bypass: Principles and Practice (Gravlee, Cardiopulmonary Bypass: Principles and Practice)

[Dmca](#)