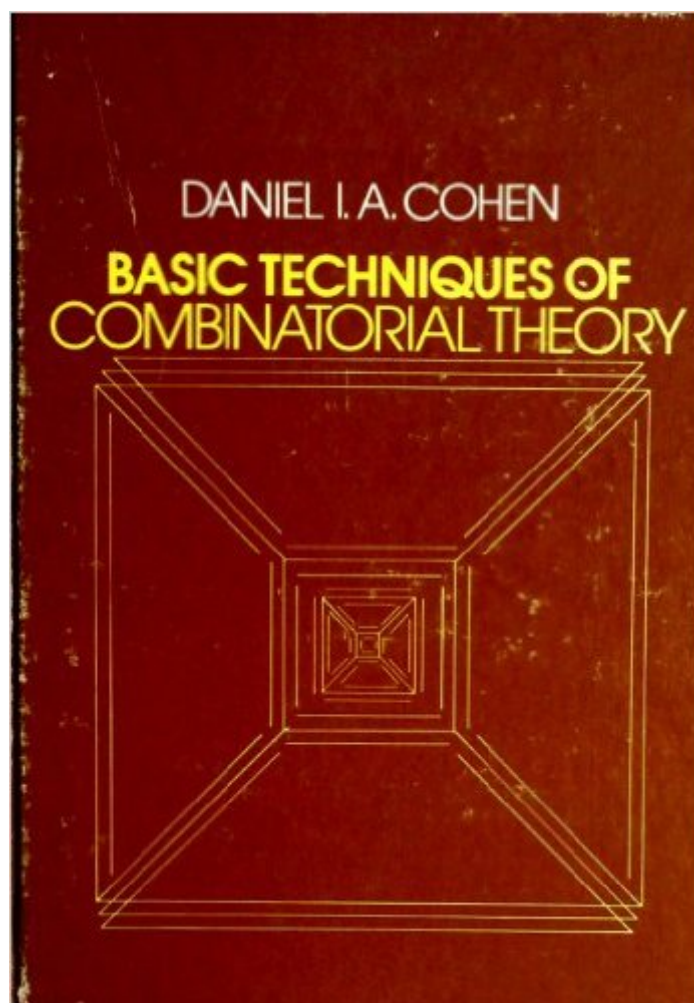


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# Basic Techniques Of Combinatorial Theory



## Synopsis

Covers Combinatorial Theory, logic and practice for the undergraduate. Hundreds of problems to work out

## Book Information

Hardcover: 310 pages

Publisher: John Wiley & Sons Inc (April 4, 1979)

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Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #846,241 in Books (See Top 100 in Books) #140 in [Books > Science & Math > Mathematics > Pure Mathematics > Combinatorics](#) #201750 in [Books > Reference](#)

## Customer Reviews

I'm a software developer and avid reader of math and tech books. This book is a gem of its kind. Positives: 1. Each problem has been approached in many possible angles - (A common problem with combinatorial lovers that they can justify the correctness of their solution but very often fail to prove why other's solution is right or wrong, This book will let you reach a higher level in the subject) 2. Almost each problem will have one solution by logic (no/minimal mathematics involved) and one with math intense solution. This is a great treasure for math-oriented or math-phobic readers. Happy reading...

This classic (1978) textbook is 30 years old, but still very useful and relevant. It covers the basic undergraduate course in combinatorial logic, theory, and practice; nobody has ever done it better. Besides a clear and easy-to-understand exposition, this book has some of the best problem sets that I have ever seen. There are, I admit, some more advanced books with recent results. But if you really want to understand this subject, and if you are willing to work through hundreds of excellent problems, I can guarantee you that Cohen is your man!

I liked what an easy read this book was. Many of the exercises within make great dinner-party conversation (even with non mathematicians). That said, this book needs a revision. There are

some major typos throughout. I can't imagine reading this as a first text in combinatorics. New material in math is difficult enough without having to sort through the typos. (So do not read this book if this is your first time studying combinatorics.) That said, if the publisher came out with a revised edition, or at least printed a physical errata that could be purchased as a companion, I would change my review from 3 stars to 5.

Cohen explains things well, yet simply, so you too can learn how to count patterns. The part on generating functions is the best introduction to the topic (at the transitional stage of (post)secondary math education) I've seen.

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