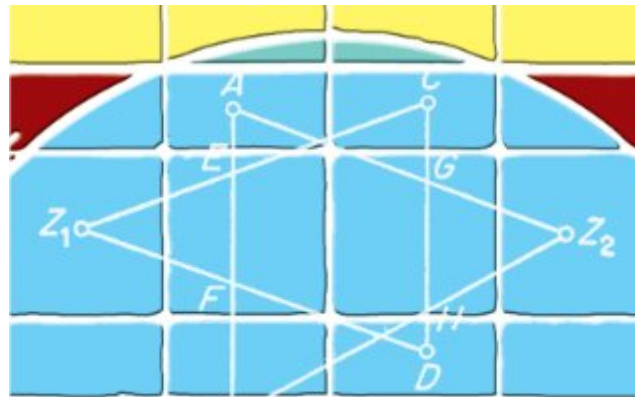


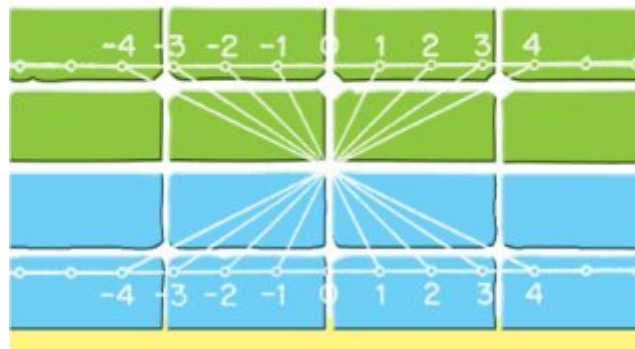
The book was found

Introduction To The Theory Of Sets (Dover Books On Mathematics)



Introduction to the **Theory of Sets**

Joseph Breuer



Synopsis

Set theory permeates much of contemporary mathematical thought. This text for undergraduates offers a natural introduction, developing the subject through observations of the physical world. Its progressive development leads from concrete finite sets to cardinal numbers, infinite cardinals, and ordinals. Although set theory begins in the intuitive and the concrete, it ascends to a very high degree of abstraction. All that is necessary to its grasp, declares author Joseph Breuer, is patience. Breuer illustrates the grounding of finite sets in arithmetic, permutations, and combinations, which provides the terminology and symbolism for further study. Discussions of general theory lead to a study of ordered sets, concluding with a look at the paradoxes of set theory and the nature of formalism and intuitionism. Answers to exercises incorporated throughout the text appear at the end, along with an appendix featuring glossaries and other helpful information.

Book Information

File Size: 4338 KB

Print Length: 128 pages

Publisher: Dover Publications (August 9, 2012)

Publication Date: August 9, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B00IADUQ08

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #320,621 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #13

in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Pure Mathematics > Set

Theory #57 in Books > Science & Math > Mathematics > Pure Mathematics > Set Theory

#107215 in Books > Reference

Customer Reviews

I've read several books on real analysis which left me wondering about any number of issues this book finally clarified. Moreover, it has put into sharper perspective for me than any other the controversy concerning the axiom of choice and the differences between formalism and intuitionism.

I've never before written a review for , but I felt obligated to highlight the singular clarity of this book.

I got a lot out of this book even though some of it was above my head. Some of the ideas were really interesting, explained well, etc. They need to update the font used in this book and maybe update the examples. It has an older feel that you have to get past.

I don't know if it was the book or the fact that set theory is so kick-ass cool?My brain fell in love w sets and permutations.So I have to give credit to the book,I guess.It is a very short book and dense.You have to take the time to go over every chapter,if not every page,to make sure you are getting it.But,I was a complete novice to set theory.More advanced readers may breeze through it.

This book is too advance, so people who already know about this subject will feel that this is the right book to learn more about this subject. But people who want to teach themselves set theory, my advice is to start reading some basic concepts...It is difficult to find a book which explain set theory in a simple way. Set Theory by Martha Pieper cover some basic concept of set theory.

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

Introduction to the Theory of Sets (Dover Books on Mathematics) Classic Sports Card Sets: Best Sport Cards Sets From the 1950s and 1960s The Joy of Sets: Fundamentals of Contemporary Set Theory (Undergraduate Texts in Mathematics) Fundamentals of Mathematics: An Introduction to Proofs, Logic, Sets, and Numbers Game Theory: A Nontechnical Introduction (Dover Books on Mathematics) Introduction to Graph Theory (Dover Books on Mathematics) The Philosophy of Set Theory: An Historical Introduction to Cantor's Paradise (Dover Books on Mathematics) Jokes For Kids - Joke Books : Funny Books : Kids Books : Books for kids age 9 12 : Best Jokes 2016 (kids books, jokes for kids, books for kids 9-12, ... funny jokes, funny jokes for kids) (Volume 1) Mathematics and the Imagination (Dover Books on Mathematics) Curvature in Mathematics and Physics (Dover Books on Mathematics) The Historical Roots of Elementary Mathematics (Dover Books on Mathematics) Concepts of Modern Mathematics (Dover Books on Mathematics) Mathematics for the Nonmathematician (Dover Books on Mathematics) Foundations and Fundamental Concepts of Mathematics (Dover Books on Mathematics) Information Theory (Dover Books on Mathematics) Linear Algebra and Matrix Theory (Dover Books on Mathematics) A Survey of Matrix Theory and Matrix Inequalities (Dover Books on Mathematics) A First Course in Graph Theory (Dover Books on Mathematics) Graph Theory with Applications to Engineering and Computer Science (Dover Books on Mathematics) Elements of the Theory of Functions and

Functional Analysis (Dover Books on Mathematics)

[Dmca](#)