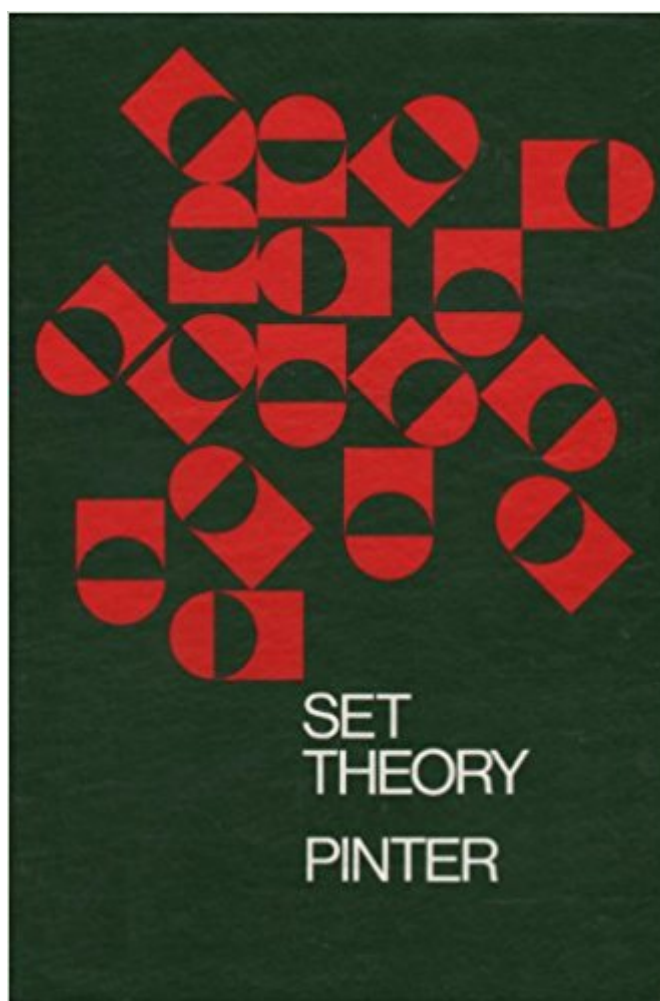The book was found

Set Theory (Addison-Wesley Series In Mathematics)

Synopsis

Suitable for upper-level undergraduates, this accessible approach to set theory poses rigorous but simple arguments. Each definition is accompanied by commentary that motivates and explains new concepts. Starting with a repetition of the familiar arguments of elementary set theory, the level of abstract thinking gradually rises for a progressive increase in complexity. A historical introduction presents a brief account of the growth of set theory, with special emphasis on problems that led to the development of the various systems of axiomatic set theory. Subsequent chapters explore classes and sets, functions, relations, partially ordered classes, and the axiom of choice. Other subjects include natural and cardinal numbers, finite and infinite sets, the arithmetic of ordinal numbers, transfinite recursion, and selected topics in the theory of ordinals and cardinals.

Book Information

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Customer Reviews

It's an excellent text in set theory. I really enjoyed reading it and solving its exercises. I owe it to Pinter that he filled many gaps in my knowledge and fixed many other things too. I still remember the class I took 10 years ago where we used this book. I had not bad teacher, but the book made me love that class as I never did for any other class. Every time I look at the book, I feel kind of nostalgia towards it. It was extraordinary learning journey I went through using this book. Now I am statistician no longer mathematician and I believe books like this one have made me even better statistician by equipping me with valuable skills such as organized and analytical thinking and using logic deductions correctly with deep understanding. I wish I have time to re-read the book again although Statistics are taking most of my time.

I am an engineer. This book is very good for self-study, and I would recommend this book to any person who is planning to self-study more advanced mathematics such as measure theory and advanced treatment of real analysis and probability theory. Probably the best book I have read for its clarity and readability. Thanks to the author.

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