



Sets, Logic and Categories (Springer Undergraduate Mathematics Series)

By Peter J. Cameron

Download now

Read Online 

Sets, Logic and Categories (Springer Undergraduate Mathematics Series)

By Peter J. Cameron

Set theory, logic and category theory lie at the foundations of mathematics, and have a dramatic effect on the mathematics that we do, through the Axiom of Choice, Gödel's Theorem, and the Skolem Paradox. But they are also rich mathematical theories in their own right, contributing techniques and results to working mathematicians such as the Compactness Theorem and module categories. The book is aimed at those who know some mathematics and want to know more about its building blocks. Set theory is first treated naively and an axiomatic treatment is given after the basics of first-order logic have been introduced. The discussion is supported by a wide range of exercises. The final chapter touches on philosophical issues. The book is supported by a World Wide Web site containing a variety of supplementary material.

 [Download Sets, Logic and Categories \(Springer Undergraduate ...pdf](#)

 [Read Online Sets, Logic and Categories \(Springer Undergradua ...pdf](#)

Sets, Logic and Categories (Springer Undergraduate Mathematics Series)

By Peter J. Cameron

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron

Set theory, logic and category theory lie at the foundations of mathematics, and have a dramatic effect on the mathematics that we do, through the Axiom of Choice, Gödel's Theorem, and the Skolem Paradox. But they are also rich mathematical theories in their own right, contributing techniques and results to working mathematicians such as the Compactness Theorem and module categories. The book is aimed at those who know some mathematics and want to know more about its building blocks. Set theory is first treated naively and an axiomatic treatment is given after the basics of first-order logic have been introduced. The discussion is supported by a wide range of exercises. The final chapter touches on philosophical issues. The book is supported by a World Wide Web site containing a variety of supplementary material.

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron
Bibliography

- Sales Rank: #569068 in Books
- Brand: Brand: Springer
- Published on: 1999-01-22
- Released on: 1999-01-22
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .44" w x 7.01" l, .72 pounds
- Binding: Paperback
- 182 pages

 [Download Sets, Logic and Categories \(Springer Undergraduate ...pdf](#)

 [Read Online Sets, Logic and Categories \(Springer Undergradua ...pdf](#)

Editorial Review

Review

From the reviews:

BULLETIN OF MATHEMATICS BOOKS

"...a well written introduction to logic, with a good dose of set theory (introduction to ordinals and cardinals) and a small dose of categories at the end. (I read this one cover to cover.)"

Users Review

From reader reviews:

Eileen Lopez:

Book is written, printed, or created for everything. You can recognize everything you want by a publication. Book has a different type. To be sure that book is important issue to bring us around the world. Next to that you can your reading skill was fluently. A book Sets, Logic and Categories (Springer Undergraduate Mathematics Series) will make you to always be smarter. You can feel considerably more confidence if you can know about every little thing. But some of you think in which open or reading a new book make you bored. It is far from make you fun. Why they might be thought like that? Have you trying to find best book or suitable book with you?

Rick Maldonado:

The book Sets, Logic and Categories (Springer Undergraduate Mathematics Series) can give more knowledge and also the precise product information about everything you want. Why then must we leave the best thing like a book Sets, Logic and Categories (Springer Undergraduate Mathematics Series)? Some of you have a different opinion about publication. But one aim which book can give many data for us. It is absolutely proper. Right now, try to closer along with your book. Knowledge or details that you take for that, you may give for each other; you are able to share all of these. Book Sets, Logic and Categories (Springer Undergraduate Mathematics Series) has simple shape however, you know: it has great and big function for you. You can look the enormous world by open up and read a book. So it is very wonderful.

Lorenzo McAvoy:

The reason? Because this Sets, Logic and Categories (Springer Undergraduate Mathematics Series) is an unordinary book that the inside of the guide waiting for you to snap the item but latter it will surprise you with the secret that inside. Reading this book alongside it was fantastic author who all write the book in such incredible way makes the content inside easier to understand, entertaining method but still convey the meaning fully. So , it is good for you because of not hesitating having this nowadays or you going to regret

it. This amazing book will give you a lot of advantages than the other book get such as help improving your skill and your critical thinking way. So , still want to hold off having that book? If I were you I will go to the e-book store hurriedly.

Theodore Rivas:

Reading a guide make you to get more knowledge from it. You can take knowledge and information from the book. Book is prepared or printed or created from each source this filled update of news. Within this modern era like right now, many ways to get information are available for you. From media social similar to newspaper, magazines, science e-book, encyclopedia, reference book, fresh and comic. You can add your understanding by that book. Are you ready to spend your spare time to spread out your book? Or just searching for the Sets, Logic and Categories (Springer Undergraduate Mathematics Series) when you needed it?

**Download and Read Online Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron
#M8K4XLVC1SO**

Read Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron for online ebook

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron books to read online.

Online Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron ebook PDF download

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron Doc

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron Mobipocket

Sets, Logic and Categories (Springer Undergraduate Mathematics Series) By Peter J. Cameron EPub