The book was found

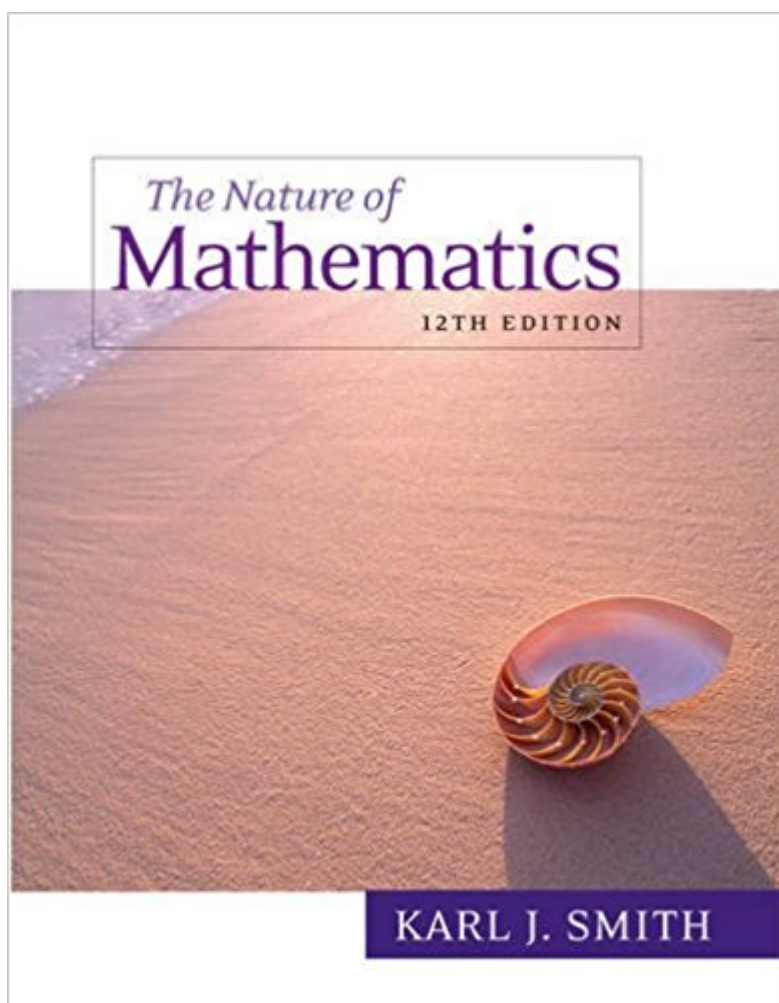# Nature Of Mathematics, 12th Edition

The Nature of
Mathematics
12TH EDITION

KARL J. SMITH

Synopsis

Experience mathematics--and develop problem-solving skills that will benefit you throughout your life--with THE NATURE OF MATHEMATICS. Karl Smith introduces you to proven problem-solving techniques and shows you how to use these techniques to solve unfamiliar problems that you encounter in your day-to-day world. You'll find coverage of interesting historical topics, and practical applications to real-world settings and situations, such as finance (amortization, installment buying, annuities) and voting. With Smith's guidance, you'll both understand mathematical concepts and master the techniques.

Book Information

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Customer Reviews

"The Nature of Mathematics," by Karl J. Smith, is a terrific book. The author covers a multitude of mathematical topics ranging from arithmetic through computers. His style is most entertaining: inviting, thorough without being cumbersome, clear, and crisp. The text is illustrated in a multi-colored fashion; it is peppered with biographical information; it presents paradoxes and meets the student where 'he/she is at.' It is clear the author is a splendid mathematician and an educator of the first rank.""The author succeeds in providing a wide range of topics that give an instructor the flexibility to design an appropriate course based on individual needs. . . . The text is written in language that is appropriate for college students, yet is not too technical for students with limited backgrounds.""My overall feeling is the ideas presented in the preface, especially the focus on problem solving, pervade the entire book. The author succeeds in trying to reduce anxiety about the

course by presenting topics and ideas that are fresh and relevant without begin out of reach of the student." --This text refers to an out of print or unavailable edition of this title.

Karl Smith is professor emeritus at Santa Rosa Junior College in Santa Rosa, California. He has written over 36 mathematics textbooks and believes that students can learn mathematics if it is presented to them through the use of concrete examples designed to develop original thinking, abstraction, and problem-solving skills. Over one million students have learned mathematics from Karl Smith's textbooks.

My only problem with this textbook is that it somehow words math problems in ways that are vague and assuming. Not assuming of your mathematical knowledge, mind you, assuming that would be understandable. In many problems the problem assumes that the reader understands various elements of the problem itself, that are not otherwise specified within the problem or the lesson. This is increasingly frustrating as one remembers the earlier chapters of this text championing the Polya Problem Solving Method, the first step of which is "to understand the problem". Many problems within this text are overly assuming and poorly worded in a way that prohibits an understanding of the problem, and does not offer sufficient material to compensate.

Covers a lot of topics in my math class. Not too difficult, but has a lot of different problems to test yourself. 5 out of 5.

Great resource.

I did enjoy this book, and I shouldn't wait that long to thank for this great offer.

Better than college book store prices,

Nice book and in great condition

The book was in great condition and met my needs. I needed the book for my college class. Similar products in books, this book was what I needed.

Terrific book on the fundementals of mathematics, and a detailed background to further build your

knowledge base. Highly recommended. 17 Chapters starting with "Problem Solving" and working up to "Fundemental Calculus." Easy to read, with illustrations and many examples to accompany the text.

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