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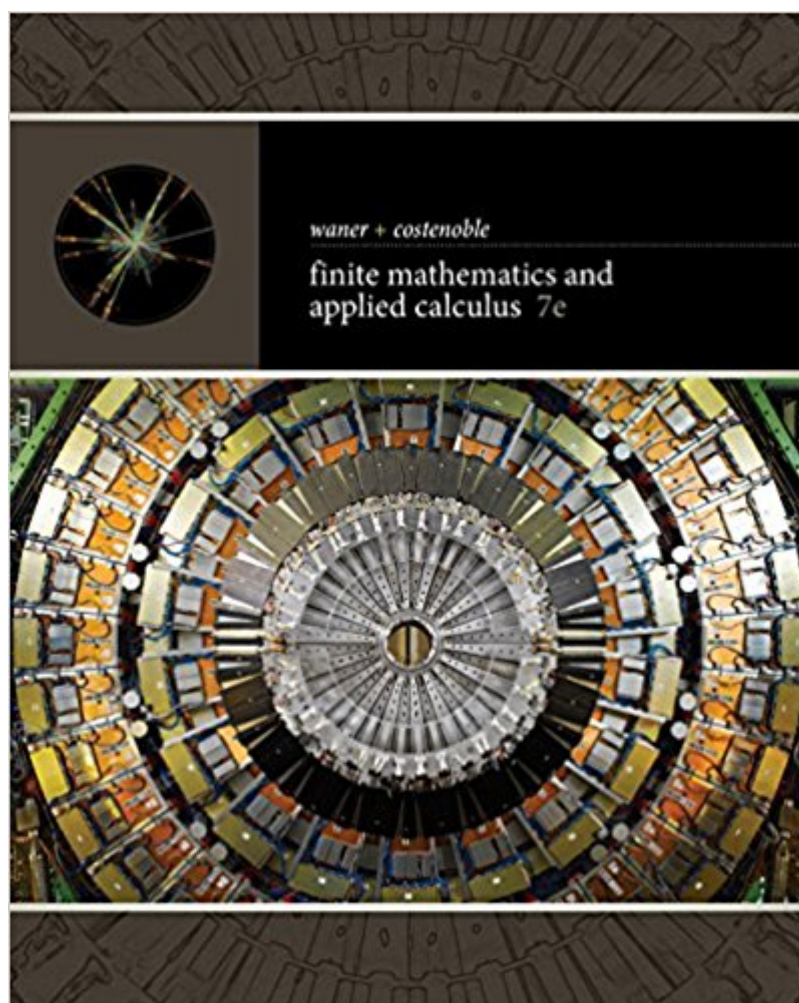
# Finite Mathematics And Applied Calculus

waner + costenoble

finite mathematics and
applied calculus 7e

## Synopsis

Waner and Costenoble's FINITE MATHEMATICS AND APPLIED CALCULUS, Seventh Edition, helps your students see the relevance of mathematics in their lives. A large number of the applications are based on real, referenced data from business, economics, and the life and social sciences. Spreadsheet and TI Graphing Calculator instruction appears throughout the text, supplemented by the WebAssign course, and an acclaimed author website. The end-of-chapter Technology Notes and Technology Guides are optional, allowing you to include in your course precisely the amount of technology instruction you choose. Praised for its accuracy and readability, FINITE MATHEMATICS AND APPLIED CALCULUS is perfect for all types of teaching and learning styles and support.

## Book Information

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## Customer Reviews

#BeUnstoppable with Waner/Costenoble¢ ™s Finite Math and Applied Calculus        View larger       View larger        View larger        View larger        Quick Examples.   Most definition boxes include quick, straightforward examples that you can use to solidify your understanding of each new concept.       End Of Chapter Case Studies Sum Up Main Points.   Each chapter ends with a Case Study, an extended application that uses and illustrates the central ideas of the chapter, focusing on the development of mathematical models appropriate to the topics. Marginal Tech Notes.   Brief marginal technology notes outline the use of graphing calculator, spreadsheet, and website technology in examples. Groups of exercises for which the use of

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WebAssign Allows You to Learn at Your Own Pace　　View larger　　View larger View larger　　View larger　　ItâÂ Â™s not about homeworkâÂ Â| itâÂ Â™s about learning.　Forget everything you thought about completing math or science assignments. WebAssign is not about memorizing formulas. ItâÂ Â™s about achieving success and gaining a deep understanding of math and science.　　You get coached.　WebAssign breaks down math and science problems into small, achievable steps. Using built-in tools, you get the help you need âÂ Â" even when you are stuck.　Because your instructor tailors WebAssign to the course goals, every reading, video, exercise and quiz is there to prepare you for finals. No more exam 'surprises!'　　You get instant feedback.　A system of 'bonus' and 'penalty' points identifies the areas you need to work on. And youâÂ Â™re never marked down for entering a differently formatted correct answer.　　WebAssign has everything you need.　Learning at your own pace, instant grades online, tutorials, videos and practice problems. WebAssign helps you learn math and science, not just do homework.

"I love the Question and Answer paragraphs. They pinpoint key ideas and offer clear explanations of why things are done in a particular way. Moreover, as a teaching tool, the instructor can emphasize to the students that these are the types of questions they should ask themselves whenever they are reading or listening to any mathematical presentation. If they can't come up with the answers themselves, it is an indication they need more work or need to get help from their instructor.""The communication exercises are well thought out. They are more than just "state in your own words" type questions. They can make students think more deeply about the ideas and processes and learn to express themselves in the terminology of mathematics.""The examples are in general very good. They both illustrate key ideas and then often expand on them leading to more in depth discussions following the example. The follow up "Before we go on..." discussions are excellent and are, to me, along with the Question and Answer format paragraphs, the real highlight and selling point of the text.""The exercises are outstanding. There are enough mechanical problems to let the student perfect technique, yet the real strength is the application problems, which by their nature, provide understandable insight into how mathematics permeates modern life.

The application problems are quite varied and inherently interesting. Being able to see why a technique is useful is often just the motivation some students need to really try to understand it." --This text refers to an out of print or unavailable edition of this title.

Stefan Waner and Steven R. Costenoble both received their Ph.D. from the University of Chicago, having studied several years apart with the same advisor, J. Peter May. Their paths merged when Steven joined Stefan at Hofstra University in 1987; since then they have coauthored 18 research papers as well as a research-level monograph in algebraic topology. By the early 1990s they had become dissatisfied with many of the Finite Mathematics and Applied Calculus textbooks. They wanted textbooks that were more readable and relevant to students' interests, containing examples and exercises that were interesting, and reflected the interactive approaches and techniques they found worked well with their own students. It therefore seemed natural to extend their research collaboration to a joint textbook writing project that expressed these ideals. To this day, they continue to work together on their textbook projects, their research in algebraic topology, and their teaching.Stefan Waner and Steven R. Costenoble both received their Ph.D. from the University of Chicago, having studied several years apart with the same advisor, J. Peter May. Their paths merged when Steven joined Stefan at Hofstra University in 1987; since then they have coauthored 18 research papers as well as a research-level monograph in algebraic topology. By the early 1990s they had become dissatisfied with many of the Finite Mathematics and Applied Calculus textbooks. They wanted textbooks that were more readable and relevant to students' interests, containing examples and exercises that were interesting, and reflected the interactive approaches and techniques they found worked well with their own students. It therefore seemed natural to extend their research collaboration to a joint textbook writing project that expressed these ideals. To this day, they continue to work together on their textbook projects, their research in algebraic topology, and their teaching.

Excellent

This book was very essential in helping me achieve an A in my Maths 163 class. The writer explains every step so the examples are easy to follow and the answer key is an added plus.

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