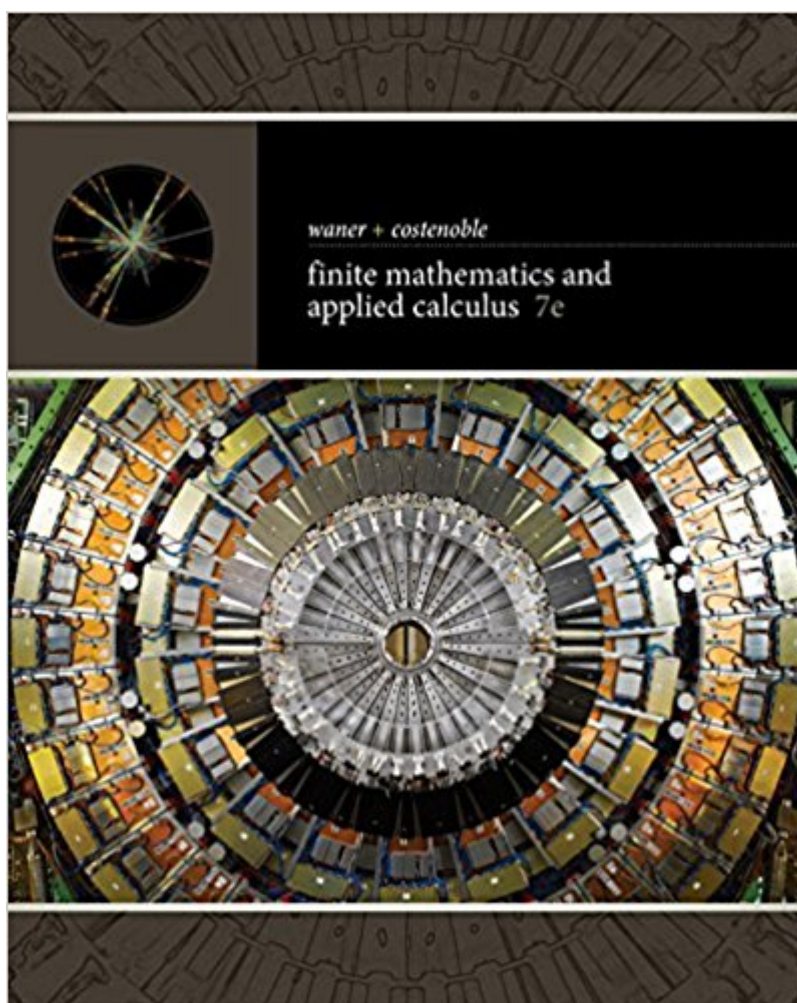


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Finite Mathematics And Applied Calculus



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.

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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

technology is suggested or required appear throughout the exercise sets. Relevant Exercises. Exercises based on real, referenced data on topics that you can relate to -- including social media, the 2008 economic crisis and the 2009-2016 economic recovery, the 2010 stock market 'flash crash' and many others.

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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.

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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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