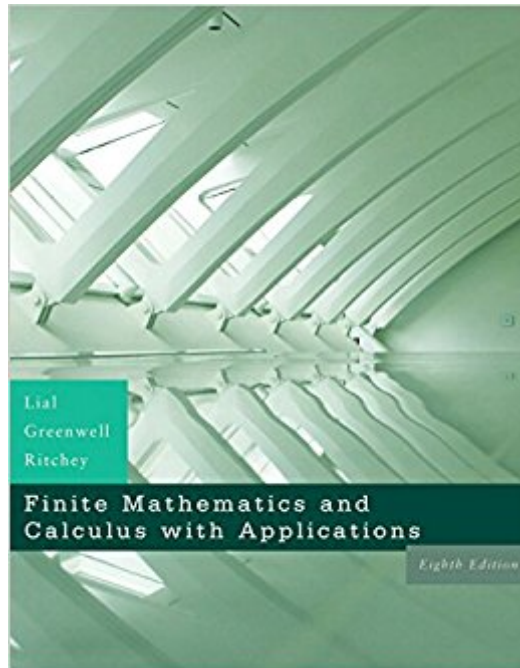




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# Finite Mathematics And Calculus With Applications (8th Edition)



## Synopsis

**KEY BENEFIT:** Lial, Greenwell, and Ritchey continue their tradition of integrating relevant, realistic applications with current data sources to provide an application-oriented text for students majoring in business, management, economics, or the life or social sciences. The many opportunities for technology use allow for increased visualization and a better understanding of difficult concepts. In addition to MyMathLab<sup>®</sup>, a complete online course solution, a comprehensive series of video lectures is available for this text. **KEY TOPICS:** Algebra Reference, Linear Functions, Systems of Linear Equations and Matrices, Linear Programming: The Graphical Method, Linear Programming: The Simplex Method, Mathematics of Finance, Logic, Sets and Probability, Counting Principles: Further Probability Topics, Statistics, Nonlinear Functions, The Derivative, Calculating the Derivative, Graphs and the Derivative, Applications of the Derivative, Integration, Further Techniques and Applications of Integration, Multivariable Calculus, Probability and Calculus. **MARKET:** For all readers interested in Finite Mathematics and Applied Calculus

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## Customer Reviews

Marge Lial was always interested in math; it was her favorite subject in the first grade! Marge's intense desire to educate both her students and herself has inspired the writing of numerous best-selling textbooks. Marge, who received Bachelor's and Master's degrees from California State University at Sacramento, is now affiliated with American River College. Marge is an avid reader and traveler. Her travel experiences often find their way into her books as

applications, exercise sets, and feature sets. She is particularly interested in archeology. Trips to various digs and ruin sites have produced some fascinating problems for her textbooks involving such topics as the building of Mayan pyramids and the acoustics of ancient ball courts in the Yucatan. --- Raymond N. Greenwell earned a B.A. in Mathematics and Physics from the University of San Diego, and an M.S. in Statistics, an M.S. in Applied Mathematics, and a Ph.D. in Applied Mathematics from Michigan State University, where he earned the graduate student teaching award in 1979. After teaching at Albion College in Michigan for four years, he moved to Hofstra University in 1983, where he currently is Professor of Mathematics. --- Raymond has published articles on fluid mechanics, mathematical biology, genetic algorithms, combinatorics, statistics, and undergraduate mathematics education. He is a member of MAA, AMS, SIAM, NCTM, and AMATYC. He is currently (2002-2005) governor of the Metropolitan New York Section of the MAA, as well as webmaster and liaison coordinator, and he received a distinguished service award from the Section in 2003. He is an outdoor enthusiast and leads trips in the Sierra Club's Inner City Outings program. --- Nathan P. Ritchey earned a B.A. in Mathematics with a minor in Music from Mansfield University of Pennsylvania. He earned a M.S. in Applied Mathematics and a Ph.D. in Mathematics from Carnegie Mellon University. He is currently a Professor of Mathematics and Chair of the Department of Mathematics and Statistics at Youngstown State University. He has published articles in economics, honors education, medicine, mathematics, operations research, and student recruitment. Nate is a Consultant/Evaluator for the North Central Association's Higher Learning Commission and regularly participates in program evaluations. In recognition of his numerous activities, Nate has received the Distinguished Professor Award for University Service, the Youngstown Vindicator's "People Who Make a Difference Award," the Watson Merit Award for Department Chairs, the Spirit in Education Award from the SunTex corporation, and the Provost's Merit Award for significant contributions to the Honors Program. A father of four children, Nate enthusiastically coaches soccer and softball. He also loves music, playing several instruments, and is a tenor in the Shenango Valley Chorale. More information about Nate Ritchey can be found at: <http://www.as.ysu.edu/~nate/>

Excellent book. Content well organized with many practical application problems. I particularly liked loose leaf version because it was less costly and I was able to take a section of the manual out for transport during a trip making for a much lighter load. Note that corresponding solutions manual (sold separately used or new - highly recommend) only shows solutions to odd numbered problems, however, problem types are duplicated so this did not pose an issue. Not sure of updates available

in newer edition, but it's pricey. Since the principles/concepts covered in this book really don't change, my class only required the older edition which covered the material nicely.

Book is alright, purchased it because it is required for two math courses I have to take. Overall pleased with the application portion of the text, I feel like in the business aspect of things it makes a little more sense for me. Questions range from easy to difficult as they should. The back of the book contains answers to odd numbered questions, but does not work through the actual problems (which is a plus because it makes you think and analyze your own answer if you get something wrong). My instructor prefers to use the textbook in class and it seems to compliment his teaching style well. Purchased from .com, not an individual seller on .com, so the text came wrapped appropriately and in new condition as advertised.

My professor allowed our class to use this later edition. Honestly, even with this older edition not much was changed other than maybe a few problems being out of order, but still the same problems. I bought it from the newer edition. Once I told everyone it only cost me 0.16c + shipping and handling, they were all floored. This book was a great buy and I even got a MyMathLab Code with it! Great deal!

i was hesitant because it was only \$13, but being the broke college student that i am, I went ahead and bought it. Shipped fast and I got the text book i needed while saved \$100+!

Very well written and organized text book that is a great way to summarize the mathematics required for predictive analytics. When coupled with MyMathLab (the new book comes with a code that provides access to the online instruction - which can be purchased separately if you buy a used book), and the solutions book, you will have a great learning/review aid for data sciences.

Great content for a math text that offers a survey of topics. If I bought this book again I'd buy a new copy though because the spiral binding on the used copy I purchased is coming apart and I have to be really careful with it whenever I use it.

The book came on time and I was able to purchase at a great price.

This is a terrible textbook. It doesn't explain anything! If you don't already know the material, you're

screwed. Good for practice but not for learning.

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