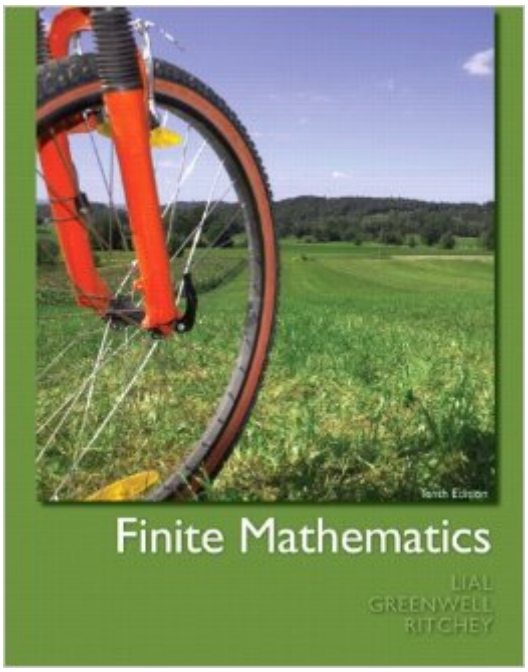
Finite Mathematics (10th Edition)



Synopsis

Finite Mathematics, Tenth Edition, by Lial, Greenwell, and Ritchey, is our most applied text to date, making the math relevant and accessible for students of business, life science, and social sciences. Current applications, many using real data, are incorporated in numerous forms throughout the book, preparing students for success in their professional careers. With this edition, students will find new ways to get involved with the material, such as Ã¢â ¬Å“Your TurnÃ¢â ¬Â• exercises and Ã¢â ¬Å“Apply ItÃ¢â ¬Â• vignettes that encourage active participation.

Book Information

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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. Ã Â 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. Ã Â 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 in1983, where he currently is Professor of Mathematics. Ã Â 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 ClubÃ¢â ¬â„¢s Inner City Outings program. Ã Â 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/

Finite Mathematics is an excellent book to learn about various of topics such as linear functions, systems of linear equations and matrices, linear programming through the graphical method and the simplex method, mathematics finance, logic, sets and probability, counting principles, statistics, Markov chains, and game theory. Not all of them are explored very deeply but enough to get one’s feet wet. Initially, I did not know anything about the simplex method, Markov chains, and game theory before approaching Finite Mathematics. After solving every problems in these sections as well as in other sections, I feel very confident of my knowledge and appreciate the level of pedagogy by the authors. The treatment of every section per area has been very clear and lucid, enough to get one started on the practice problems without much worry. Perhaps the biggest benefit of working with Finite Mathematics is its solutions manual which is extremely well-explained for every odd problems (I was able to procure a pdf file of the other solutions manual online for the even problems). So, from cover to cover, I did everything, learned as much as I could, and found myself

illuminated to move forward. Once in a while, there is a problem that is so stupidly hard and difficult that I won't worry about it. In other words, 99% of the problems in the book are quite doable because much of them are very connected within a section in a transitionary manner. My time, however long it was, spent with the book has been worth it. Although the applications provided by the authors have been rich and diverse, I have to complain one thing about the problems: there are too many of them that are overly redundant and show no difference among them. So, the authors need to tone down the number of such problems and increase the number of diverse problems. All in all, Finite Mathematics is the book to get if you really want to learn linear functions, systems of linear equations and matrices, linear programming through the graphical method and the simplex method, mathematics finance, logic, sets and probability, counting principles, statistics, Markov chains, and/or game theory at a very high pedagogical level.

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method, mathematics finance, logic, sets and probability, counting principles, statistics, Markov chains, and/or game theory at a very high pedagogical level.

The perfect book when you need to see it in order to understand it. I received an "A" after 20 years out of college.

As usual with a math book the wording is hard to understand but the examples are clear. It also has a tech example to walk you through using your graphing calculator if you're new to using a graphing calculator.

It is confusing for someone that hasn't done this type of math in over 30yrs. But very informative.

Very good coverage of the topics. But I would have started the book with Chapters 7, 8, and 9 since those concepts are a bit easier to grasp than the concepts covered in Chapters 2, 4, and 4.

I am a math tutor who ordered this so I could keep up on the material my students are studying.

Great book!

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