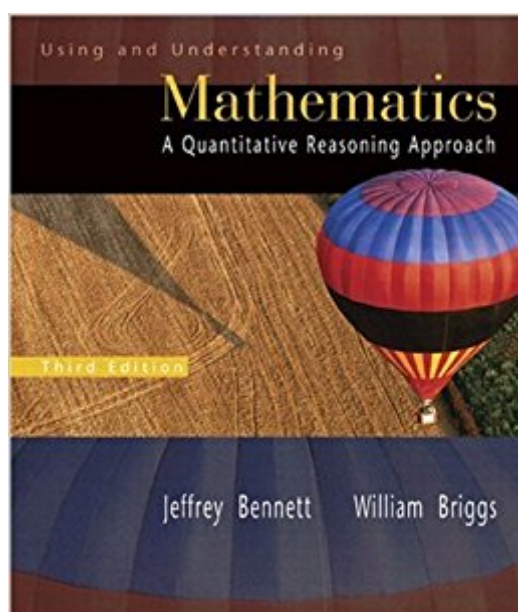


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Using And Understanding Mathematics: A Quantitative Reasoning Approach



Synopsis

With all of the topics needed to fulfil a general education requirement, this text, one of the few for the emerging Quantitative Literacy/Quantitative Reasoning Course, helps to reduce mathematical anxiety and focuses on the practicality of mathematics in college, career and life.

Book Information

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Customer Reviews

Jeffrey O. Bennett's academic home is the University of Colorado at Boulder, where he has been teaching on and off since 1983 and from which he received his Ph.D. in Astrophysics in 1987. During this time, he's taught more than 50 college courses in subjects including mathematics, astronomy, physics, environmental science, and science education. He began work on *Using and Understanding Mathematics* because he is particularly interested in helping students overcome difficulties with mathematics. For similar reasons, he has recently completed a textbook for introductory astronomy (*The Cosmic Perspective*, with M. Donahue, N. Schneider, and G.M. Voit, Addison Wesley Longman, 1999). He is also working on several books about mathematics and science for the general public. In addition, he is now working on science books for children. Jeff is perhaps best known for his role in creating the Voyage Scale Model Solar System on the National Mall in Washington, DC (opening October 2001); he proposed the project and worked on the team that developed it as a collaborative effort between the Challenger Center for Space Science Education, the Smithsonian Institution, and NASA. When not working, he enjoys participating in masters swimming and hiking the trails of Boulder, Colorado, with his family. William L. Briggs has been on the mathematics faculty at the University of Colorado at Denver for 17 years. He teaches

throughout the undergraduate and graduate curriculum with a special interest in teaching mathematical modeling as it applies to problems in biology and medicine. He developed the quantitative reasoning course for liberal arts students at CU-Denver supported by the textbook Using and Understanding Mathematics, which he co-authored with Jeff Bennett. He has written two other tutorial monographs, The Multigrid Tutorial and The DFT: An Owner's Manual for the Discrete Fourier Transform. He is a University of Colorado President's Teaching Scholar, an Outstanding Teacher awardee of the Rocky Mountain Section of the MAA, and the recipient of a Fulbright Fellowship to Ireland. Bill lives with his wife, Julie, his daughter, Katie, and two dogs, Midnight and Seamus, in Boulder, Colorado. He loves to bake bread, as well as run trails and rock climb in the mountains near his home.

Having to take a course in college, I'm not one for such a class. But I do admit that the textbook did help to explain mathematical notions explained during the course. My college actually had a custom book with sections removed from this full version but it served its purpose excellently. Some books are hard to understand if you don't have a passion for arithmetic. This book made it a bit easier for people who don't have a tolerance or mathematics.

The book is great if you love math. I do not. But, I enjoy the little facts and tidbits that are shared on the sidelines. I had to have this book for math, but I do not learn from reading so it is useless for me. I have to pay for a tutor to tell me what it says. That is not the books fault, I have a learning disability, so reading to comprehend math is not happening for me. For my tutor, the book makes perfect sense and she does teach me from it.

NEW BOOK DOES NOT INCLUDE ONLINE CODEListing stated that the online access code was included. I purchased this brand new from . Book arrived without online code. Sending back. There's no way I'd pay \$180 for a book. Just buy the code from the publisher--it comes with an e-book.

I plan on keeping this book. It has basic information for statistics (beginning stuff) and addresses mortgages, calculating debt, etc. It will make a good reference to look something up. I wish I had bought the teacher addition so I had all the answers instead of the only the odd problems.

BEWARE you still need to buy the online matlab!! which costs over 100\$ it would have been

cheaper for me to just buy the book new. (and less of a headache)

While I don't love math or school, the book came and was in great shape, I am able to use it as need and will send it back when my class is done. I feel this is a great win/win as I don't have to try to sell it or hold on to an insanely expensive college book. :)

When I found this book online, I couldn't believe my luck! I am currently enrolled in a quantitative literacy class and this book is the text we are studying from. Math is not my strong suit and so far this book has helped me. It explains quite a lot and has formulas to support what it's teaching. It teaches logic and problem solving, quantitative info for everyday life, probability and statistics, modeling, and how math works in art and music, and how it works in politics. This is the fifth edition and the one I needed for my class and I have not been disappointed with it.

I hate math but this book does a good job of explaining concepts.

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