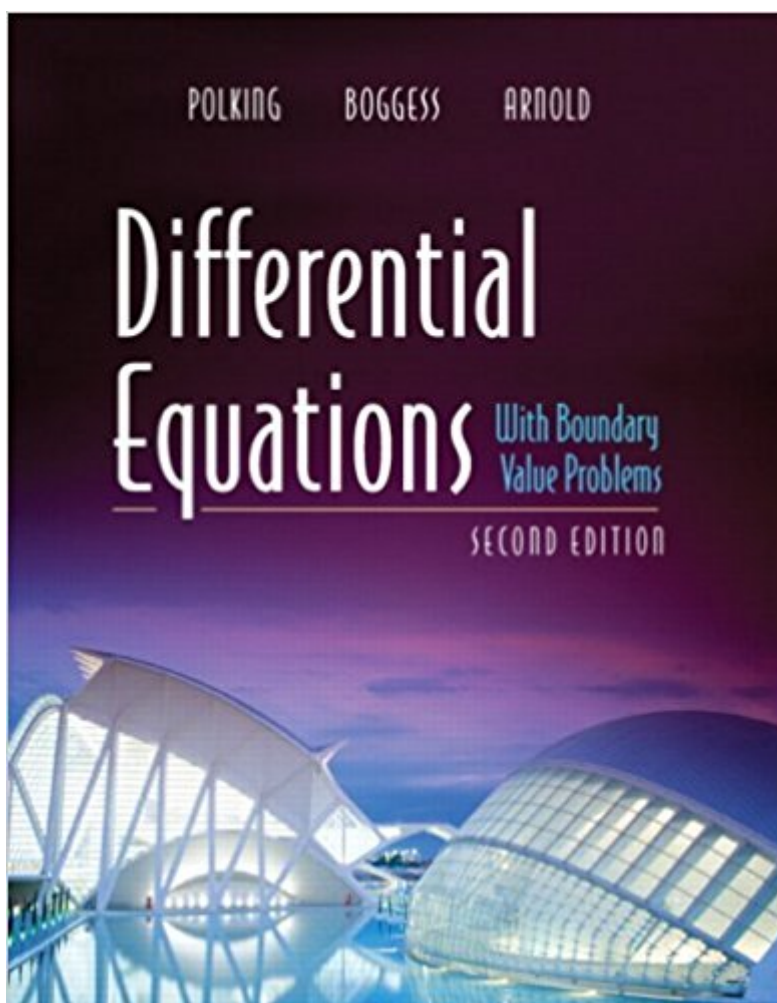The book was found

Differential Equations With Boundary Value Problems (2nd Edition)

Synopsis

Combining traditional differential equation material with a modern qualitative and systems approach, this new edition continues to deliver flexibility of use and extensive problem sets. The second editionÃ¢â¬â„¢s refreshed presentation includes extensive new visuals, as well as updated exercises throughout.

Book Information

Hardcover: 768 pages

Publisher: Pearson; 2 edition (August 7, 2005)

Language: English

ISBN-10: 0131862367

ISBN-13: 978-0131862364

Product Dimensions: 8.1 x 1.2 x 10 inches

Shipping Weight: 3 pounds

Average Customer Review: 3.5 out of 5 stars 45 customer reviews

Best Sellers Rank: #24,729 in Books (See Top 100 in Books) #1 inÃ Â Books > Science & Math > Mathematics > Pure Mathematics > Functional Analysis #16 inÃ Â Books > Science & Math > Mathematics > Applied > Differential Equations #447 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics

Customer Reviews

This is by far the worst math textbook I have ever been required to use for a class. They don't highlight, or make stand out, the key ideas, equations, theorems, and proofs enough and when they do, they do a poor job. In most examples, they will skip whole parts of solving the equation and assume that the student knows exactly what they are doing when they don't show what they are doing. For example, they'll say something like, by algebra and integration we get the answer blah. Why don't they show the algebra and integration!? They don't have enough proofs and examples and make some of the concepts way more hard and complicated than they should be. Normally, I wouldn't have much of a problem with this textbook, because I leave it up to the teacher to teach and I just use the textbook for the exercises and sometimes to double-check on certain ideas and concepts and methods, but for the format for the class, (called "flipped classroom"- basically students read textbook, watch videos, do homework, then next class time the teacher gives a short abbreviated lecture while answering questions- it seems like a horrible format, but is surprisingly effective), a lot of the initial learning of material comes from just reading the text book.Overall, if

there is somehow a way for you not to have to use this textbook, do it! This text book is the worst.

Very difficult concept to grasp, especially for those that do not have a strong understanding of calc 2. That being said, this is a book for those that have a good understanding of calculus 2 and 3. The problems are not very good, there is a solution manual online however. Up until Fourier series, the book is moderate at best, after that, it is very difficult to read. Especially when it comes to the proofs of these concepts.

First of I am a junior studying electrical engineering and vehicle engineering at Western Washington University. This book was the required text for WWU's math 321 course, it is called math for engineering majors or something similar but it is basically just a class were engineering majors learn diff EQ without going through all the other math classes required to take the normal diff EQ class.Right from the get go this book was nice simply due to price; $20 compared to $150 is kind of a no brainer. Once using the book though it does not disappoint in quality. The chapters are well laid out and fairly thorough and seemed to compliment my professors lectures very well. I was able to take minimal notes in lecture and use those note combined with the explanations in the book to make it through chapters. Obviously a 300 level math class is not going to be easy and neither the book alone or the lecture alone is going to be enough to get you through diff EQ. Hopefully by the time you reach the 300 level you realize that classes aren't really optional and the subjects are so complex you can't expect a book to do all of the explaining for you.The only major complaint(s) I have with this book are about the example problems in the chapters. Most importantly there aren't very many of them. In most sections, each section consisting of 7 or 8 pages, there are only 3 or 4 example problems. I feel that even just 2 more problems per section would go a long way in helping explain this subject. Also the explanations that go with the sample problems aren't the best in the world. Don't get more wrong you can definitely follow the example it just might take 5 or 6 time of reading though the text portion, whereas in most textbooks it only takes me 2 or 3 times to understand what is happening in the example problem.Overall this is a decent book packaged with an excellent price, and those two factors combined make for a good book/value. If you are fortunate enough to take a diff EQ class good luck, it is interesting and applicable while being moderately challenging and if you're like me nothing is fun unless it presents challenges!

Good text, but not the most interesting. I know that's high expectations for a Diff. Eq. text, but I don't think it's impossible. That said, it covered most topics in sufficient detail that I didn't need other

sources to understand. Publishers crammed the answers to exercises in the back which offers almost no help. There is a solutions manual available, I found it to be essential.

Unless it's required, don't bother. Theory is basically ignored and algorithmic computation is emphasized. The problems are all computational and provide little insight. Buy with correspondjng matlab book to at least get something out of it.

Great book. It has a lot of examples and explanation how to solve the problems.

The formatting alone is terrible. Also, it is assumed that you have already thoroughly (and I do mean thoroughly) mastered ALL other mathematic principles beforehand. If you have to use this book (like I did), I'm sorry.

Horrible. Not only do the authors fail to relay the intended information to the readers but the authors seem scatterbrained within the text. Regardless of the approach, the text takes a very narrow approach on the topics and the product is an ODE textbook that is very dry and unfulfilling. For a topic that can be so exciting, the authors are only deteriorating the number of people whom have a love for mathematics.

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