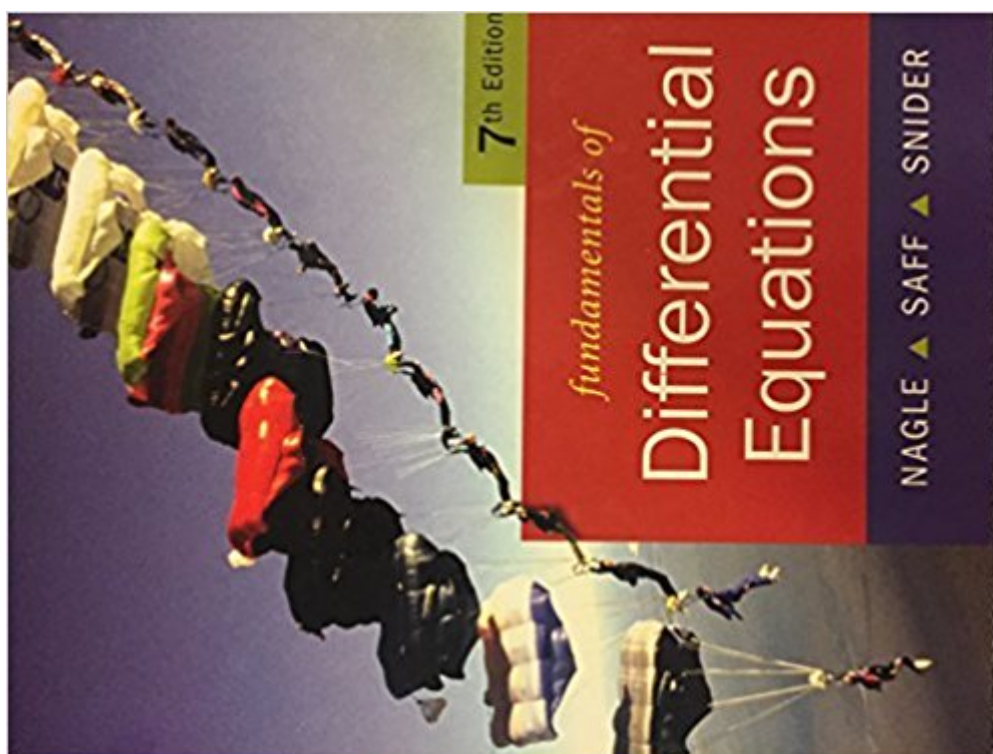The book was found

Fundamentals Of Differential Equations Bound With IDE CD (Saleable Package) (7th Edition)

Synopsis

Key Message: Fundamentals of Differential Equations Fundamentals of Differential Equations presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. Available in two versions, these flexible texts offer the instructor many choices in syllabus design, course emphasis (theory, methodology, applications, and numerical methods), and in using commercially available computer softwareKey Topics: Introduction, First-Order Differential Equations, Mathematical Models and Numerical Methods Involving First Order Equations, Linear Second-Order Equations, Introduction to Systems and Phase Plane Analysis, Theory of Higher-Order Linear Differential Equations, Laplace Transforms, Series Solutions of Differential Equations, Matrix Methods for Linear SystemsMarket: For all readers interested in Differential Equations.

Book Information

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Customer Reviews

This book, paired with it's solution manual, was clear enough that it got me an A in my Elem. Differential Equations class at a state university. The class I took was online and the instructor offered no notes or video lectures for the class, just homework assignments. The solutions manual that goes with this book is by far the best solutions manual I've ever seen. It actually goes from start to finish on how you work out most of the problems. You may have to research some math from previous math classes to figure out how they got to one step in the solution, but it's never anything major. Some things you'll need to know to solve some equations is partial fractions decomposition, and how to integrate by parts twice. Now, if only I can find a calculus 1-3 book that has a

book/solutions manual combo just as good as this one to use as a future reference!

This is the book with which I started to learn Differential Equations, and I still use it for reference. If you have confidence in your mathematical skills, and have developed a solid understanding of Calculus, then this book should suffice in explaining the concepts of Diff Eqs. If you like detailed, step-by-step explanations of every little detail in a particular operation, then this book may leave something to be desired. I think it's a bit more advanced than some of the other books I've seen, but I love it. I would definitely recommend this book to people with a strong mathematical background who want to learn Diff Eqs.

This book is a brilliant reference for anyone in engineering, natural science, mathematics, or economics. I found it to be organized in a helpful way, and the authors explain the difficult concepts of differential equations quite well. Even the often confusing "guessing method" of finding the particular solution to non-homogeneous 2nd order ODEs is done well. I highly recommend this book as a reference.However, this is an OLD EDITION. If you are taking a class on differential equations you probably need the newest edition because some of the homework problems are different with each new edition.

great price

Perfect

The professor asked some of the students (including myself) to do a self-study on one of the chapters (Series Solutions to DifEQ's) and the material was presented very well and the problems greatly reinforced it. Good text.

My teacher recommended to purchase this 5th version. The reasons are:1) It's not different much from newer 6th edition, usable for the course.2) Since it's not new edition ie. 5th vs 6th, I can buy at a cheaper price.3) You'd use this only once in your life time, if your career is not a math major.As student, I rated this as what being told. I purchased this with a good price, no complaining.

Good examples are there, just not many of them. If you're taking an online class with this book, I would recommend the solutions manual. If it is in-class with a professor, this book will most likely

suffice. Overall, you will learn what you need to with this text.

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