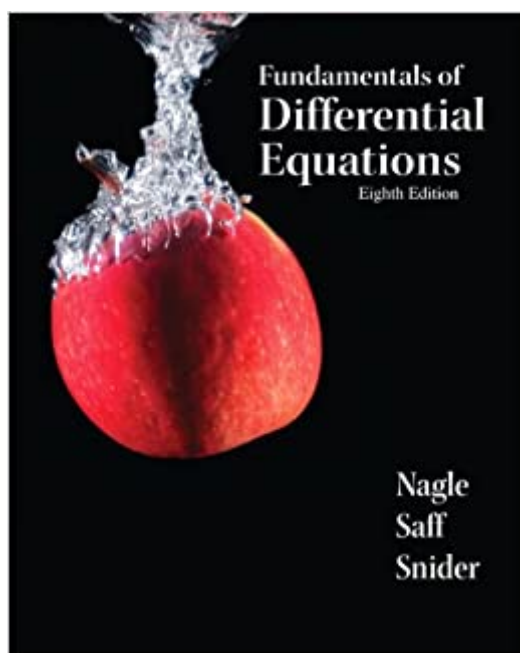The book was found

Fundamentals Of Differential Equations (8th Edition) (Featured Titles For Differential Equations)

Fundamentals of
Differential
Equations
Eighth Edition

Nagle
Saff
Snider

Synopsis

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 software. Fundamentals of Differential Equations, Eighth Edition is suitable for a one-semester sophomore- or junior-level course. Fundamentals of Differential Equations with Boundary Value Problems, Â Sixth Edition, contains enough material for a two-semester course that covers and builds on boundary value problems. The Boundary Value Problems version consists of the main text plus three additional chapters (Eigenvalue Problems and Sturm-Liouville Equations; Stability of Autonomous Systems; and Existence and Uniqueness Theory).

Book Information

Series: Featured Titles for Differential Equations

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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.

Fundamentals of Differential Equations (8th Edition) (Featured Titles for Differential Equations) Applied Partial Differential Equations with Fourier Series and Boundary Value Problems (5th Edition) (Featured Titles for Partial Differential Equations) Student's Solutions Manual for Fundamentals of Differential Equations 8e and Fundamentals of Differential Equations and Boundary Value Problems 6e Differential Equations and Boundary Value Problems: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) Differential Equations: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) Student Solutions Manual to accompany Boyce Elementary Differential Equations 10e & Elementary Differential Equations with Boundary Value Problems 10e [Differential Equations, Dynamical Systems, and an Introduction to Chaos [DIFFERENTIAL EQUATIONS, DYNAMICAL SYSTEMS, AND AN INTRODUCTION TO CHAOS BY Hirsch, Morris W. (Author) Mar-26-2012] By Hirsch, Morris W. (Author) [2012) [Paperback] Linear Algebra and Its Applications plus New MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra with Applications (9th Edition) (Featured Titles for Linear Algebra (Introductory)) Mathematical Proofs: A Transition to Advanced Mathematics (3rd Edition) (Featured Titles for Transition to Advanced Mathematics) Numerical Partial Differential Equations: Conservation Laws and Elliptic Equations (Texts in Applied Mathematics) (v. 33) Partial Differential Equations of Mathematical Physics and Integral Equations (Dover Books on Mathematics) Differential Equations with Boundary-Value Problems, 8th Edition Elementary Differential Equations and Boundary Value Problems , 8th Edition, with ODE Architect CD Fundamentals of Differential Equations (9th Edition) Fundamentals of Differential Equations and Boundary Value Problems (7th Edition) Fundamentals of Differential Equations bound with IDE CD (Saleable Package) (7th Edition) Fundamentals of Differential Equations A First Course in Differential Equations: The Classic Fifth Edition (Classic Edition) Schaum's Outline of Differential Equations, 4th Edition (Schaum's Outlines)

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