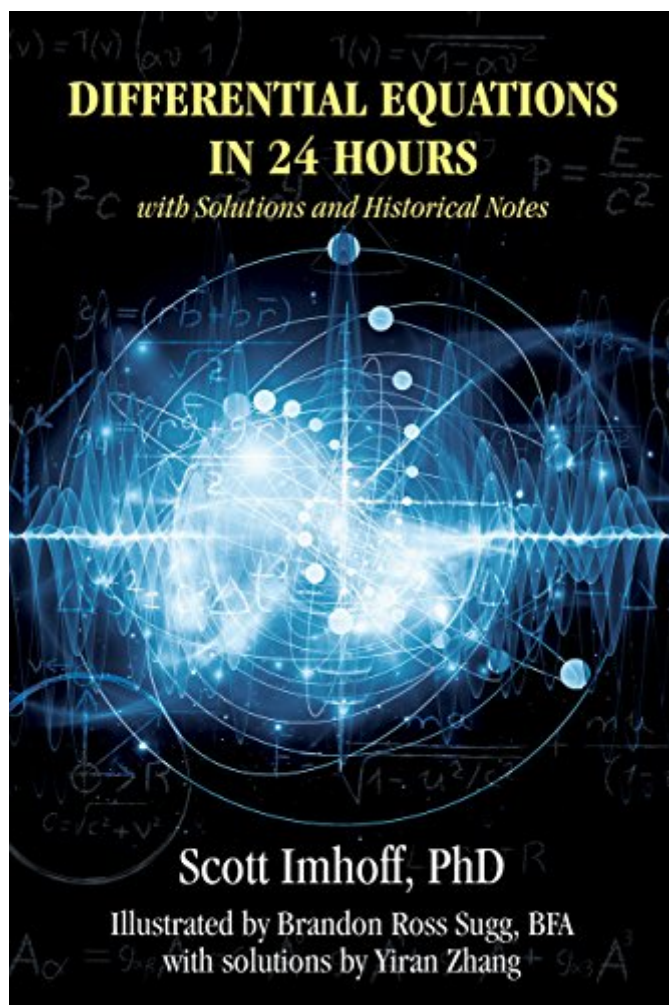


The book was found

Differential Equations In 24 Hours: With Solutions And Historical Notes



Synopsis

The title of this book is intended to be more of a challenge than a promise. No one can promise you that you will learn differential equations in 24 hours. That is up to you. What this book does is it makes it possible to learn basic differential equations in the minimum amount of time needed. It has a concise style of presentation and the right number of exercises and examplesânot too many, not too few. All of the solutions to all of the exercises are presented in detail in Appendix 1. This allows reinforcement learning and verification of success. Biographical sketches of important mathematicians are included to provide additional motivation; however, they can be skipped in the interest of further time savings. The material which can be skipped appears in italics. The content taught here is equivalent to the material presented in the junior-level course in differential equations that the author teaches at University of Colorado Denver. It grew out of his earlier book, *Shortcut to Ordinary Differential Equations*. The present book, expanded slightly and equipped with all of the solutions, covers basically the same topics that were taught in a junior-level course in differential equations that the author took at Indiana University-Purdue University Indianapolis.

Book Information

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Customer Reviews

The book gives a good overview of undergraduate differential equations. If you are considering purchasing this item, I suggest that you buy the hard copy rather than the kindle version as I did. I found the electronic version to be an annoying and frustrating read. The equations are so small in size that they are nearly impossible for my aged eyes to read. After some fiddling around with the screen on my iPad, I was able to get the equations to display on a separate screen after a series of taps and swipes. The result of this was that the experience of reading the material was constantly interrupted as I had to stop and display almost every equation. I probably would have given this book a higher rating but for this limitation. In this age of sophisticated electronic publishing I expect a more user friendly product. Note the significant price difference between the paper and electronic version. I suspect it is due to the clumsy format of the kindle version.

Spectacular book - extremely well written and balanced between practicality and not getting too bogged down. With the book including examples from physics and walking through them in an understandable fashion makes this books an excellent and interesting read.

I love this book. Most books dealing with something like calculus, go overboard with the introductory material and then jump into the deep waters. This book does something I really liked a lot, it gives simple and practical physics problems and then walks you through the calculus used to solve them. I love the clean progression from simple stuff (well for calculus, anyway), to more advanced material. For students learning calculus, and with emphasis on real applications in "Physics 101", I think that this book is a must have.

It made equations easier to understand. The explanations were helpful and easy as well. I would recommend it to others.

Difficult topic made as simple as possible

Good book for quick remind or study of the subject. Clear language, self-contained. Good examples and pictures of mathematicians

The actual problems and solutions are in a very tiny font. At least my kindle version is.

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quality threatens the confidence of the public to purchase kindle books.

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