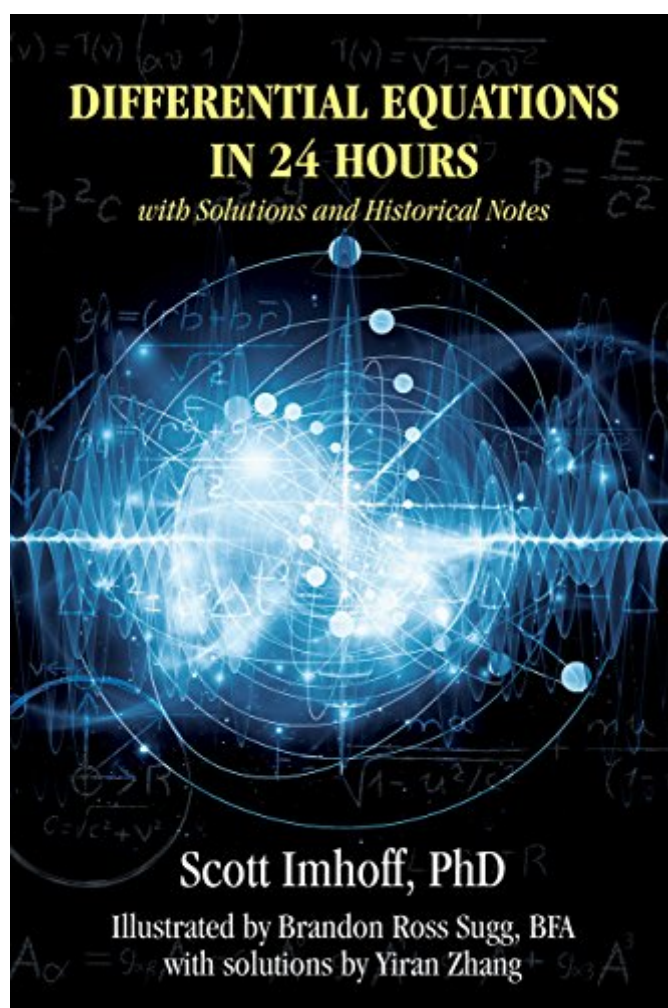


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# Differential Equations In 24 Hours: With Solutions And Historical Notes



## 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

File Size: 10851 KB

Print Length: 284 pages

Publisher: Outskirts Press, Inc (December 20, 2015)

Publication Date: December 20, 2015

Sold by:Â Digital Services LLC

Language: English

ASIN: B019MB828Y

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #33,725 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #1 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Applied > Differential Equations #5 inÂ Books > Science & Math > Mathematics > Applied > Differential Equations

## 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.

Well laid out book, good examples that challenge you to think through the problems and understand them. I would recommend this for anyone wanting to learn Diff Eq.

Good presentation of ODEs in a succinct manner !

Book is useless on Kindle. The equations are unreadable. Will try on computer.

Excellent book. Clear and understandable

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