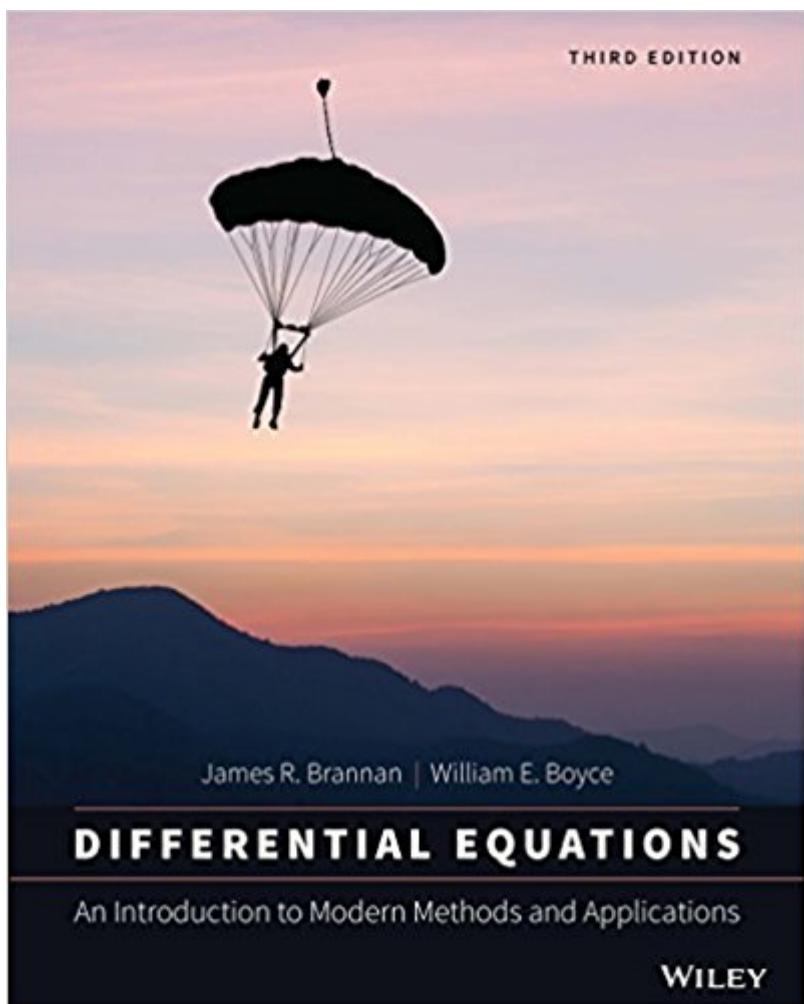


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# **Differential Equations: An Introduction To Modern Methods And Applications, 3rd Edition**



## Synopsis

The modern landscape of technology and industry demands an equally modern approach to differential equations in the classroom. Designed for a first course in differential equations, the third edition of Brannan/Boyce's *Differential Equations: An Introduction to Modern Methods and Applications* is consistent with the way engineers and scientists use mathematics in their daily work. The text emphasizes a systems approach to the subject and integrates the use of modern computing technology in the context of contemporary applications from engineering and science. The focus on fundamental skills, careful application of technology, and practice in modeling complex systems prepares students for the realities of the new millennium, providing the building blocks to be successful problem-solvers in today's workplace. Section exercises throughout the text provide hands-on experience in modeling, analysis, and computer experimentation. Projects at the end of each chapter provide additional opportunities for students to explore the role played by differential equations in the sciences and engineering.

## Book Information

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## Customer Reviews

This book is crap. Had to buy this for a college class, and paid for the Wiley-plus access as well. I would HIGHLY recommend purchasing a differential equations guide to accompany this book as it

did a poor job of explaining examples. (I've seen many differential equations texts, and this one is far below average.) Oh, also, the online access was so terrible that our instructor had to manually review our answers for problems because the software was so poorly written. Honestly, someone enrolled in CS101 could have made a better program. It's insulting to ask students to use it.

The examples given in the book leave much explanation to be desired. Many steps are usually missing in order to provide a more complete answer. A few of the answers in the back are confusing. Not an ideal textbook.

Hands down the worst textbook I've ever had the misfortune to use. Incredibly vague and unclear, and it skips steps that are crucial to understanding the topic at hand because it assumes that you follow their train of thought exactly. After using this book I would never buy another book from Brannan and Boyce.

This book isn't bad, but the book problems are sometimes extremely complicated without much direction as to how to do them. If your teacher doesn't teach you how to do everything this book may not be overly useful.

Unnecessarily difficult to follow. The book provides very unclear explanations by excluding steps and having poor flow. I hated reading this text book. I ended up learning all this material through YouTube and online sources. This book is not worth your money and time.

You are better off purchasing a different textbook; the book skips through steps and the examples are declarations rather than a workout solution. The only reason I obtained this book is due to my class requiring the text for homework problems.

Appendix problems on linear algebra requisite for solving systems of differential equations does not have solutions.

Terrible explanations and barely any examples.

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