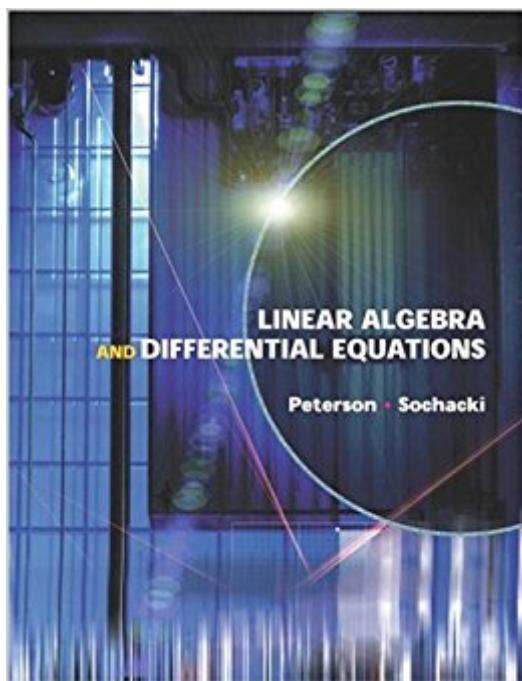


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# Linear Algebra And Differential Equations



## Synopsis

This book has been written for a one-semester combined linear algebra and differential equations course, yet it contains enough material for a two-term sequence in linear algebra and differential equations. By introducing matrices, determinants, and vector spaces early in the course, the authors are able to fully develop the connections between linear algebra and differential equations. The book is flexible enough to be easily adapted to fit most syllabi, including courses that cover differential equations first. Technology is fully integrated where appropriate, and the text offers fresh and relevant applications to motivate student interest. Matrices and Determinants; Vector Spaces; First Order Ordinary Differential Equations; Linear Differential Equations; Linear Transformations and Eigenvalues and Eigenvectors; Systems of Differential Equations; The Laplace Transform; Power Series Solutions to Linear Differential Equations; Inner Product Spaces For all readers interested in linear algebra and differential equations.

## Book Information

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Average Customer Review: 2.6 out of 5 stars 17 customer reviews

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## Customer Reviews

Bought this book for class....The book was both lacking in Linear Algebra and differential equations :(The concept is good but the execution of the book not so good.

I bought this book for my linear algebra class. I actually enjoyed the class (math nerd) and I think this book was a factor in that. The explanations were clear and concise, the examples applicable for the exercises that followed. The only thing that could be improved upon is the software integration --

I struggled with the problems that used mathematical programs. I used Mathematica which is straight forward enough (and free) but still needed a lot of help from fellow classmates and TA's.

The condition of the book was actually better than the expected "good" condition. I was happy with the shipping and with the book itself. However, as others have mentioned, the content in the book is not very clear. My professor was not clear either and I had to rely on tutorials on the internet and Google to understand the concepts. I'm not a math major, so that may be the reason why. Prepare for a lot of hard work!

I actually had Peterson the author of this text for the course. The book is application driven as opposed to pure mathematics. If you are using this book in a course i would highly recommend the solution manual as well because some of the application problems are hard to tackle, and plus peterson wrote the solution manual so it goes with the text very well.

good book

Good product. Description matched perfectly.

This answer book is terrible! It doesn't walk you through the process at all! In fact, some of the problems it doesn't even address, it just says "Use Thm. 2.1" or whatever theorem applies to tell you how to solve it! Well, duh! If I knew how to apply the theorem to solve it, I wouldn't even have bothered looking in the book to find out how! A huge rip-off.

Not a very well written textbook. There are very few examples that clearly support the theory that is being defined.

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