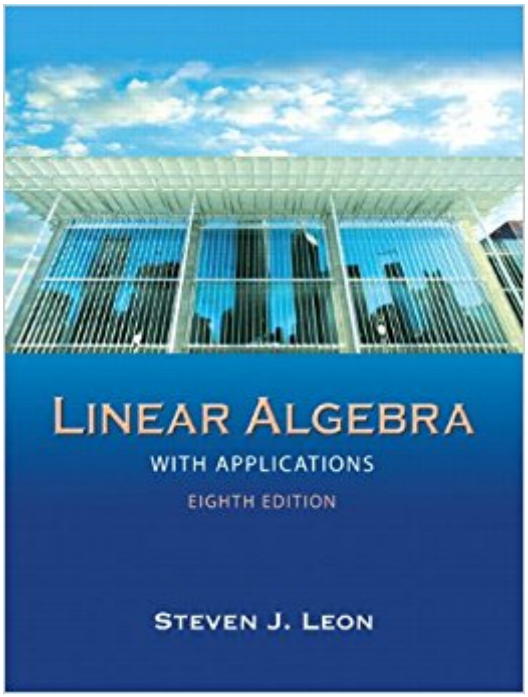
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Linear Algebra With Applications (8th Edition)



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Synopsis

This book is for sophomore-level or junior/senior-level first courses in linear algebra and assumes calculus as a prerequisite. Ã Â This thorough and accessible text, from one of the leading figures in the use of technology in linear algebra, gives students a challenging and broad understanding of the subject.Ã Â The author infuses key concepts with their modern practical applications to offer students examples of how mathematics is used in the real world. Each chapter contains integrated worked examples and chapter tests.Ã Â The book stresses the important roles geometry and visualization play in understanding linear algebra. Lay-flat type.

Book Information

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Steven J. Leon is a Chancellor Professor of Mathematics at the University of Massachusetts Dartmouth. He has been a Visiting Professor at Stanford University, ETH Zurich (the Swiss Federal Institute of Technology), KTH (the Royal Institute of Technology in Stockholm), UC San Diego, and Brown University. His areas of specialty are linear algebra and numerical analysis. Leon is currently serving as Chair of the Education Committee of the International Linear Algebra Society and as Contributing Editor to Image, the Bulletin of the International Linear Algebra Society. He had previously served as Editor-in-Chief of Image from 1989 to 1997. In the 1990Ã¢â ¬â„¢s he also served as Director of the NSF sponsored ATLAST Project (Augmenting the Teaching of Linear Algebra using Software Tools). The project conducted 18 regional faculty workshops during the

period from 1992Ã¢â ¬â œ1997.

This is an absolutely terrible text book. Buy it only if you have homework assignments that come from it. Rent it if possible.Here are the issues I have with this book.1. Many of the symbols used are not clear defined in the text (many are never defined).2. The link between homework problems and what is presented in the preceding chapter is often difficult to understand.3. The theorems, proofs, and definitions are NOT clearly written so that a beginner student can understand.*4. Many of the most important theorems are presented as a !@#$ing HOMEWORK PROBLEM instead of being explained in the chapter!Note to the publisher on number 4: Are you serious? How do you expect people to understand an important concept from A TEXTBOOK when you don't explain it?I used two work around to escape the worthlessness that is this text book.1. A second text book - Elementary Linear Algebra: Applications Version, Tenth Edition by Howard Anton and Chris Rorres ISBN 978-0-470-45821-1. This a good book on linear algebra. It clearly explains concepts and defines symbols.2. Use Chegg.com for the solutions manual, I learned/remembered more going through that than anything presented in this text book.*NOTE: I have a degree in Computer Engineering and I was required to use this text to a "refresher class" for a Masters program. I would NOT consider my self a beginner student in most mathematics classes.

This is one of the worst textbooks I have ever used. The examples in the book assume an already working knowledge of the subject matter at hand, but that is why I am taking the class! I DON'T have such knowledge! The problem sets are also difficult to comprehend since the examples in the text don't really give you a good process by which to tackle the problems.In any case, you will probably not have a choice of using another book if you are a student, but perhaps this review will push professors to choosing a better textbook for their course material. And if you are a non-student looking to gain some new knowledge on your own... forget about this an an option!

The book content is fine - it's linear algebra it's exactly what you would expect.But the quality of the book is terrible, the front cover is almost off and the entire book appears as if it was dropped in a bowl of water.I didn't mind too much when I received it but now I'm worried I will get charged - I'll update this review with what happens when I return it.

Disappointed in how useful the book turned out to be. I had to buy it for a class for the exercises which were alright, but I didn't find the actual book all that helpful. If you can get by without it, there

are plenty of free online resources that are much more beginner friendly that you can use instead (for example, Khan Academy has a great linear algebra course).

This book was used in my undergraduate linear algebra course. The books was a good introduction to the topic.

This book is basically useless without chegg, and even then, it’s chegg that’s useful. The solved problems in examples frequently leave a lot of elements unexplained or "for the reader to verify".

Leon is a thorough professor, but the publishers should do a better job with using more ergonomic formatting and better typeface.

Very thin book. Scarce on examples (tends to end with cliffhangers). The author tends to throw in obligatory applied problems, in other words, nothing new or exciting but the same applied problems available for free online.

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