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Linear Algebra And Its Applications, 4th Edition, India Edition





Synopsis

4th Edition printed by Brooks Cole India. Same content as the hardcover version. Pages are printed in black and white.

Book Information

Paperback: 544 pages Publisher: Brooks/Cole INDIA; 4th Indian edition (2005) Language: English ISBN-10: 8131501728 ISBN-13: 978-8131501726 Package Dimensions: 9.7 x 7.4 x 0.9 inches Shipping Weight: 1.6 pounds Average Customer Review: 3.7 out of 5 stars 146 customer reviews Best Sellers Rank: #157,895 in Books (See Top 100 in Books) #88 inà Â Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Linear #521 inà Â Books > Science & Math > Mathematics > Pure Mathematics > Calculus

Customer Reviews

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Context: The use of this book is paralleling a graduate level course for linear algebra having taken an undergraduate course in the same (8 years ago).Quick tips if you're debating this book:- This is not a good book for a first course in linear algebra. You should be strong in matrix operations and understand functions such as traces, determinants, inverses, etc. The first chapter isn't going to walk you through it.- If this is for a course and you're contemplating an international edition, note the questions at the end of each section are mixed up. This could mess you up with homework from the book.There are 5 star reviews out there that provide a good picture of what you can get out of the book. While I agree with those, as mentioned earlier, this is not a first course in linear algebra. Even having taken a course years ago I keep my initial course book with me to help through this book. There is an extensive use of formula instruction and variable based proofs, but when getting to quantitative examples it is rather fast paced jumping over steps.Publishing material of the book is solid, with a heavy cover and pages. Text is easily legible and thus far I haven't noticed typos enough to distract me. This book is terrible at explaining things. This is my second course in linear algebra (one undergrad, now at grad level) and there are some questions it asks where I just have to say "Uh... what?" and then find other materials to answer it correctly. Definitely not recommended for beginners... might be okay as a reference tool later in career life.

The book has many good insights, but not organized in a the best way for a student to learn the material.

The book was okay, but I cannot recommend it to anyone. Strang, the author, does not explain the topics too well. This book is definitely not, in my opinion, a book for beginners or people just being exposed, for the first time, to linear algebra. Apparently, everyone who took linear algebra at my university last semester agreed. My school offered two sections of the class last semester with both professors using the same book. Next semester, based on student feedback, both professors unanimously agreed to switch to another book. The worked-out examples are very few in number and do not cover the topics gone over in the problems at the end of each section in the book. In my previous calculus books, if I had trouble on a problem, I could go back to a specific section in the chapter and read why a certain answer was the answer. In this book, despite the claims that linear algebra is a well understood mathematical discipline, it was nearly impossible to find a good explanation as to why a certain answer was a good answer. There is another thing. Strang would often put problems on a certain topic in, say chapter one and not officially go over that topic in, say, chapter three. In my opinion, that is such a bad way to introduce a topic to a beginner and quite the turnoff. For the most part, the online video lectures do help in further explaining the topics gone over in the book. But, the online video lectures are from Spring 1999 and a different book, so the material is a little dated but easy to follow. Unless your professor knows exactly what he is talking about. I would recommend finding another supplementary text to better understand the topics gone over in this book. This book was definitely not worth the \$170 I paid for it.

If you are taking Lin Alg then you have heard of Strang. This is his more advanced book on the topic and it is the be all end all of the topic. I have taken a couple grad courses that did not use this book but the instructor instead wanted to use an obscure text written by someone they knew. I bought this book and used it as a resource for both and it was worth every penny. Things i needed for the other courses were explained well and things that were not necessary were written in an interesting manner and i learned them on my own. I would love to have had him as my adviser or someone to just sit and have coffee with every morning and discuss math.

Great price for the book. Just be aware that this the problem are not in the correct order. So you'd have to search for a pdf version to compare which questions you should actually be doing for homework. No other complaints - 5 stars!

Good textbook but a bit above my student's level- two year college setting. Needs more explanation and background. Most background seems to be understood. Did not like the flow of information.

Gilbert Strang's Linear Algebra and Its Applications gives both an intuitive feel to linear algebra and the geometry that accompanies most linear algebra ideas in two or three dimensions, which can then be generalized to n dimensions. Strang provides a multitude of examples of each idea and a great set of exercises for the reader to try. Each subsection of each chapter is a stand-alone lesson that can help just about any linear algebra student. I really enjoyed this textbook.

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