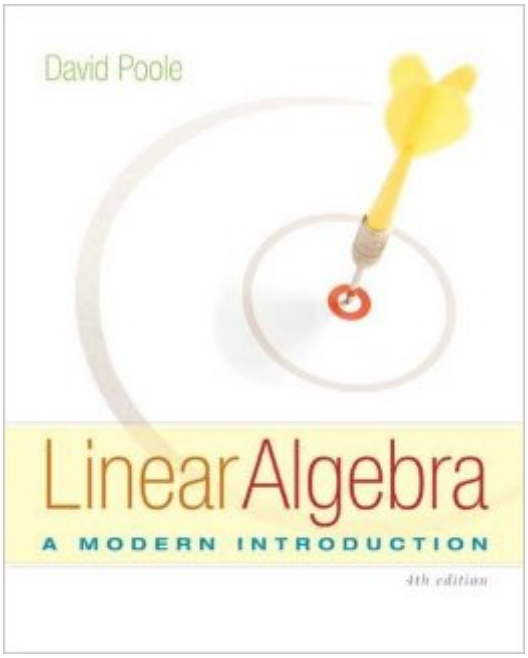
Linear Algebra: A Modern Introduction



Synopsis

David Poole’s innovative LINEAR ALGEBRA: A MODERN INTRODUCTION, 4e emphasizes a vectors approach and better prepares students to make the transition from computational to theoretical mathematics. Balancing theory and applications, the book is written in a conversational style and combines a traditional presentation with a focus on student-centered learning. Theoretical, computational, and applied topics are presented in a flexible yet integrated way. Stressing geometric understanding before computational techniques, vectors and vector geometry are introduced early to help students visualize concepts and develop mathematical maturity for abstract thinking. Additionally, the book includes ample applications drawn from a variety of disciplines, which reinforce the fact that linear algebra is a valuable tool for modeling real-life problems.

Book Information

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Customer Reviews

Dr. Poole writes a pretty nice book ... I am average in math and had no problems using this work for self-study ... I actually used his 2003 1st edition, which is 97% the same as this 4th edition. So save your money for important stuff like pizza and beer ... and buy an older version instead, or in response to the immoral pricing, download a torrent. My one star rating is not for content of this book but in response to the business practice of the publisher.

Identical to 3rd edition aside from one or two problems in each section having their numbers changed up.It would be much cheaper for a student to get their hands on a copy of the older edition

and just borrow the book from a library to copy down the problem sets.

I’m pretty sure the author of this book was laughing maniacally as he wrote the exercise problems. The examples given in the text all work out perfectly, while the homework problems are riddled with square roots and exponents that trip you up every single time. Not to mention you can never simplify it in just the right way to check with the back of the book, so you never know if you actually understand the concept or not because you can never check if you are right.Also, this book is basically a bunch of proofs that don’t go anywhere. There are about 5-10 legitimate homework problems for each section, and the rest of the problems are just proving theorems that aren’t adequately explained in the text.Overall, using this book is beyond frustrating, and I have resorted to google to figure out how linear algebra actually works.

Absolutely miserable. At 20 times the price of Shilov, too.

Never really used the book except for homework. I wasn’t too fond on the wording for the examples, but I was able to get through.

An OK book. The order of development is a little odd and confusing to students. It does cover many of the important topics.

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