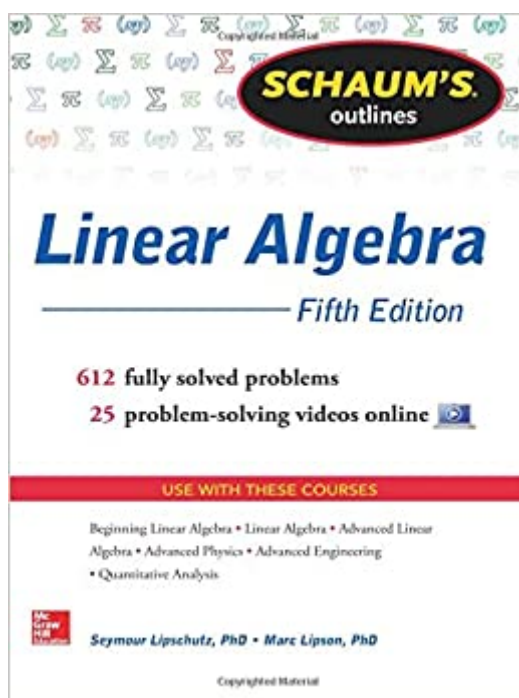The book was found

Schaum's Outline Of Linear Algebra, 5th Edition: 612 Solved Problems + 25 Videos (Schaum's Outlines)

Synopsis

Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately, there's Schaum's. This all-in-one-package includes 612 fully solved problems, examples, and practice exercises to sharpen your problem-solving skills. Plus, you will have access to 25 detailed videos featuring Math instructors who explain how to solve the most commonly tested problems--it's just like having your own virtual tutor! You'll find everything you need to build confidence, skills, and knowledge for the highest score possible. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you 612 fully solved problems Concise explanations of all course concepts Support for all major textbooks for linear algebra courses Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time--and get your best test scores!

Book Information

Series: Schaum's Outlines

Paperback: 432 pages

Publisher: McGraw-Hill Education; 5 edition (December 11, 2012)

Language: English

ISBN-10: 0071794565

ISBN-13: 978-0071794565

Product Dimensions: 8.5 x 0.9 x 10.9 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars   106 customer reviews

Best Sellers Rank: #24,455 in Books (See Top 100 in Books)   #17 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Linear   #40 inÂ Books > Science & Math > Mathematics > Study & Teaching   #124 inÂ Books > Education & Teaching > Studying & Workbooks > Study Guides

Customer Reviews

Seymour Lipschutz is on the faculty of Temple University and formally taught at the Polytechnic Institute of Brooklyn. He is one of Schaum's major authors. Marc Lipson is on the faculty of University of Georgia. He is also the coauthor of Schaum's Outline of Discrete Mathematics and

Schaum's Outline of Probability with Seymour Lipschutz.

I bought this book upon some friends recommendations, but I found it full of errors. After I found those many mistakes in the first chapter, I couldn't trust it any more. I hope the author will revise it and correct it. Thanks.

Too many typos. I am into 10th page and saw enough typos to put the book aside and come and rate 1 star here. Very bad for a book that is in 5th edition.

I purchased the kindle version (convenience) and the paperback and was surprised to find the kindle version had too many errors that were not in the paperback version. The errors make it difficult to follow the arguments with missing or plain ol' incorrect information. In addition, on the kindle version entire sections (parts of answers) suddenly changed into a smaller font that could not be expanded. It all appears to be errors in translating or moving to an e-book version of this text. It makes it almost impossible to see the problems worked out. (That is what we buy Schaum's outline for!)Miserable editing job!!I have decided to abandon trying to use the kindle version. I do not recommend anyone purchase that version until they correct the numerous errors. Note, I gave up after Chapter 1 since it was just too painful. The topic is difficult enough and with the kindle version it will be impossible.

The book is a bargain, no matter how it is used. Whether it's used as a supplement, a review, or a classroom text, this book should get the job done.The amount of information that the book presents is more than enough to cover a semester of linear algebra. The amount of problems are plentiful, and the topics are covered in a way that leaves some syllabus flexibility.One problem, as mentioned before, is that the book has errors. The Kindle version does not display all characters correctly on my Kindle Fire. These, at times, as as simple as numbers, letters and/or parentheses. On the bright side, I am usually able to obtain the missing pieces from intuition, skimming around the missing text, or using another text as reference.The explanations (if one actually writes down and works through the examples, while reading, then he/she should find it readable) are great. Here's where opinions may start to differ.Chapter 1 starts by describing vectors and vector operations, and chapter 2 starts with linear systems and matrix operations. These chapters are extremely plentiful in worked-out problems too. This leaves the student and/or the instructor with a bit of a dilemmaFrom my experiences, linear algebra texts always start with sets of linear equations, but this one likes to start

out with vectors. I, personally, like this method, as it coincides with our calculus program very well. We do not use vectors at all until the beginning of calculus 3 w/analytic geometry.Matrices...well. After 3 and a half years of being out of high school, I went back to college; I placed into calculus, which I had already studied in high school.I re-took calculus I and II (we combine the analytic geometry part into the calculus sequence), and we did not have to use a single one. In fact, the last time I actually had to do any matrix operations for a class was Honors Algebra 2 in High School...This is not atypical. Many students are rusty on matrices and systems of equations before going into linear algebra.For students with a background in the following topics: vectors in space, matrix operations/notation, sequences and series, and at least a semester of calculus; the first two chapters should go by quickly. There will be a lot of review, as well as some new concepts.Read the book carefully and take notes.For students who have a limited background on matrices, I would recommend using a college algebra book to refresh on the operations, so that when matrices come, the student can focus on the logic behind linear systems. It's a lot easier to focus on linear algebra, when you don't have to review something 'old' each section.The use of calculus is shown early. I also liked this. The amount of calculus is, for the most part, avoidable, and should not be required to study linear algebra. However, any student learning linear algebra, without a calculus background, may be intimidated by the rigor.Speaking of rigor: that is another great thing about the book. It is concise, proof oriented, application oriented, practice guided and easy to understand. This makes approaching the topic less intimidating.Linear algebra is a "weed out" course for a lot of people though. A lot of texts make this worse by overwhelming the student with notation, before he/she even understands Guassian elimination. Shaum does a great job at introducing notation slowly, with great care.I'd recommend grabbing a couple other cheap college algebra and/or linear algebra books on as references. Having a proof oriented book, Shaum's Linear Algebra, and a College Algebra texts that covers matrices, has all been hepful. I use the college algebra book for practice on matric operations, Shaum's book as my main text, and a more rigorous (cheap) proof-oriented book to skim through as I read Shaum's text.All in all, the book is very good. Early on, it makes connections between calculus, analytic geometry, physics, and matrices. These concepts are also introduced like they're brand new to the reader.For the price of this book, I get a lot more out of it than I paid for. No negative outweighs the positives in this situation.

This book was a required textbook in an effort by my prof. to make our class textbooks cheaper. Unless you are already familiar with the topic I would recommend choosing another book.-This book had many errors, and part way into the quarter the professor said a specific printing of this book was

the reliable one. I had an edition with several mathematical errors in example problems (easily more than 10), which makes it very difficult to work with when learning a topic for the first time. I was very disappointed.-I also found this book did not do a good job laying out the material in an easy way to understand. Vague descriptions and lack of practical applications was not ideal for me. I purchased Linear Algebra Done Right and it was a much better read and made the material easier to understand. Again, disappointed in my professor's choice.

Not a clearly written resource. ...vague, leaves more questions than answers.

Been the de rigor for a study supplements for years.

This is a great book! Everything you could want (and more) is included regarding Linear Algebra. Linear algebra is the basic math behind Quantum Mechanics. This book was very helpful in reviewing a subject I had studied at Michigan State many years ago.

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