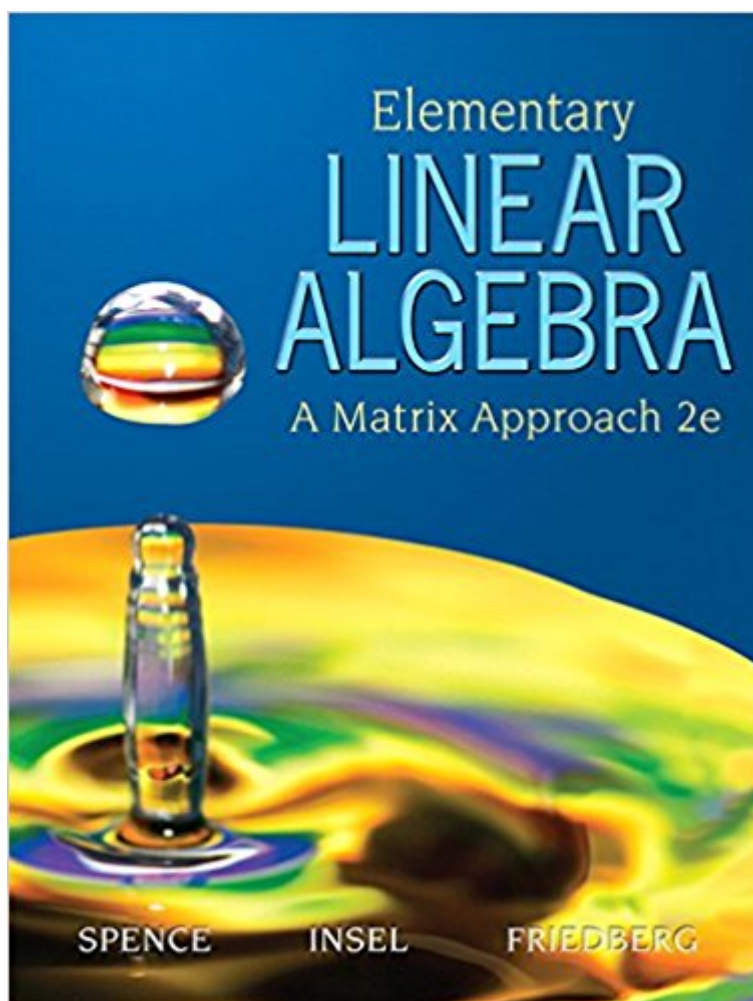


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# Elementary Linear Algebra (2nd Edition)



## Synopsis

Ideal as a reference or quick review of the fundamentals of linear algebra, this book offers a matrix-oriented approach--with more emphasis on Euclidean  $n$ -space, problem solving, and applications, and less emphasis on abstract vector spaces. It features a variety of applications, boxed statements of important results, and a large number of numbered and unnumbered examples. Matrices, Vectors, and Systems of Linear Equations. Matrices and Linear Transformations. Determinants. Subspaces and Their Properties. Eigenvalues, Eigenvectors, and Diagonalization. Orthogonality. Vector Spaces. Complex Numbers. A professional reference for computer scientists, statisticians, and some engineers.

## Book Information

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## Customer Reviews

Elementary Linear Algebra, 2/e • Lawrence Spence, Arnold Insel, and Stephen Friedberg  
Embracing the recommendations of the Linear Algebra Curriculum Study Group, the authors have written a text that students will find both accessible and enlightening. Written for a matrix-oriented course, students from a variety of disciplines can expect a greater understanding of the concepts of linear algebra. Starting with matrices, vectors, and systems of linear equations, the authors move towards more advanced material, including linear independence, subspaces, and bases. The authors also encourage the use of technology, either computer software (MATLAB) or super-calculators, freeing students from tedious computations so they are better able to focus on the conceptual understanding of linear algebra. Lastly, students will find a variety of

applications to engage their interest, demonstrated via economics, traffic flow, anthropology, Google searches, computer graphics, or music to name a few. By leveraging technology and incorporating engaging examples and numerous practice problems and exercises, this text best serves the needs of students attempting to master linear algebra.Ã A

Thx. Worked out well for my son.

My professor sucked at teaching the subject and had to rely on the book to teach me. Expect quite a bit of headaches when reading the book.

I use this for a linear algebra class. I found that the answers in the back of the book difficult to use and sometimes wrong. There are better books for this type of class.

This is definitely one of the worst textbooks I have ever used. I am taking Linear Algebra at a community college for my own benefit. The chapters are written poorly. Some of the concepts are not fully explained and that makes it difficult to use the problems. Half of the practice exercises are true or false problems. On top of that the solutions manual which you need to pay for separately only shows one out of every four problems (except the true/false problems which takes up no room). Plus, they do a poor job in explaining how they got to the final answer. Teachers be kind to your students and look elsewhere for a linear algebra textbook.

Not my favorite. Some of the material is okay, but I feel like it lacks more depth with the harder concepts. Needs more detail for me.

Got here on time, and it looks good. Now just to pass the class!

Not exactly the best book there is to learn linear algebra but it works. I suppose it's more of a supplementary book. I would recommend getting this book as an extra in case your current book isn't sufficient for you. It's quite a dull book in my opinion.

Came in on time, and is clean.

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