
Introduction to Linear Algebra. *Peter J. Kahn.* Harper and Row, New York, 1967. x+452 p. \$11.95.

This text should receive much use by those interested in using a teachable, rigorous yet reasonable type of linear algebra book. Professor Kahn has a delightful motivation-filled style of writing, which shows not only a thorough understanding of the material covered but also a sensitivity and concern for those who might use the book as a learning instrument.

The approach throughout stresses the "why," is filled with rigorous and complete definitions and proofs, and is sprinkled with sufficient concrete examples to enable the reader to grasp some of the subtleties involved as he proceeds through the theory. The author has made use of both geometry and calculus to help relate the linear algebra to the rest of mathematics. The author exercises his prerogative of using several and various types of notation; however, this should not be a stumbling block for the mature undergraduate or graduate student.

There is enough depth and sophistication in the topics provided to make the text appropriate for either an undergraduate or first-year graduate level course.

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