



Linear Algebra: A Pure Mathematical Approach

By Harvey E. Rose

Birkh user. Paperback. Condition: New. 264 pages. Dimensions: 9.4in. x 6.5in. x 0.6in. In algebra, an entity is called linear if it can be expressed in terms of addition, and multiplication by a scalar; a linear expression is a sum of scalar multiples of the entities under consideration. Also, an operation is called linear if it preserves addition, and multiplication by a scalar. For example, if A and B are 2×2 real matrices, v is a (row) vector in the real plane, and c is a real number, then $v(A+B) = vA + vB$ and $(cv)A = c(vA)$, that is, the process of applying a matrix to a vector is linear. Linear Algebra is the study of properties and systems which preserve these two operations, and the following pages present the basic theory and results of this important branch of pure mathematics. There are many books on linear algebra in the bookshops and libraries of the world, so why write another? A number of excellent texts were written about fifty years ago (see the bibliography); in the intervening period the style of mathematical presentation has changed. Also, some of the more modern texts have concentrated on applications both inside and outside mathematics....



READ ONLINE
[1.12 MB]

Reviews

This is basically the very best book i have read right up until now. It is definitely simplistic but excitement in the 50 % from the ebook. Your daily life period will likely be transform as soon as you total reading this article pdf.

-- **Prof. Ambrose Pollich DDS**

Unquestionably, this is the finest function by any article writer. I have read and that i am confident that i am going to likely to read yet again once again later on. Your daily life period will probably be transform when you comprehensive reading this article book.

-- **Sheldon Aufderhar**