



Vols. for 1964- have guides and journal lists.

This book introduces the concepts of linear algebra through the careful study of two and three-dimensional Euclidean geometry. This approach makes it possible to start with vectors, linear transformations, and matrices in the context of familiar plane geometry and to move directly to topics such as dot products, determinants, eigenvalues, and quadratic forms. The later chapters deal with  $n$ -dimensional Euclidean space and other finite-dimensional vector space.

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