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Schaum's Outline of Linear Algebra - astronomia.edu.uy

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In linear algebra, functional analysis, and related areas of mathematics, a norm is a function that assigns a strictly positive length or size to each vector in a vector space—except for the zero vector, which is assigned a length of zero. A seminorm, on the other hand, is allowed to assign zero length to some non-zero vectors (in addition to the zero vector).

Norm (mathematics) - Wikipedia

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In linear algebra, an eigenvector or characteristic vector of a linear transformation is a non-zero vector that changes by only a scalar factor when that linear transformation is applied to it. More formally, if T is a linear transformation from a vector space V over a field F into itself and v is a vector in V that is not the zero vector, then v is an eigenvector of T if $T(v)$ is a scalar ...

Eigenvalues and eigenvectors - Wikipedia

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Toeplitz and Circulant Matrices: A review - ee.stanford.edu

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