

Download An Introduction To Vector Analysis With Thirty Nine Diagrams

B. Hague, author of An introduction to vector analysis for physicists and engineers,..., on LibraryThing
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Vector Analysis. A.1 Vectors A.1.1 Introduction. Some physical quantities like the mass or the temperature at some point only have magnitude. We can represent these quantities by number alone (with the appropriate units) and so we call them scalars. There are other physical quantities that have magnitude and direction.

Definition of a vector. A vector is an object that has both a magnitude and a direction. Geometrically, we can picture a vector as a directed line segment, whose length is the magnitude of the vector and with an arrow indicating the direction. The direction of the vector is from its tail to its head.

An Introduction to Vectors, Vector Operators and Vector Analysis. Conceived as a supplementary text and reference book for undergraduate and graduate students of science and engineering, this book intends communicating the fundamental concepts of vectors and their applications. It is divided into three units.

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Get this from a library! Vector analysis; an introduction to vector-methods and their various applications to physics and mathematics,. [Joseph George Coffin]

Although not written in a classic "Definition - Theorem - Lemma" style, the author presents the ideas of vector analysis in a easy presentation. He does skip lots of calculation, that he is assuming you either do or can "see" what is being done. Beyond that, he adds additional readings and topics to each chapter. Great book.

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