



Scientific Papers of J. Willard Gibbs Volume 2 Dynamics. Vector Analysis and Multiple Algebra. Electromagnetic Theory of Light, Etc

By Josiah Willard Gibbs

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 100 pages. Dimensions: 9.5in. x 7.3in. x 0.3in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1906 Excerpt: . . . be straining things a little to call So-0 a vector. The combinations aX , fiu. , etc. , used above, are distributive with regard to each of the two vectors, and may be regarded as a kind of product. If we wish to express everything in terms of i , j , and k , will appear as a sum of ii , ij , ik , ji , jj , jk , ki , kj , kk , each with a numerical coefficient. These nine coefficients may be arranged in a square, and constitute a matrix; and the study of the properties of expressions like is identical with the study of ternary matrices. This expression of the matrix as a sum of products (which may be extended to matrices of any order) affords a point of departure from which the properties of matrices may be deduced with the utmost facility. The ordinary matricular product is expressed by a...



READ ONLINE
[2.12 MB]

Reviews

This composed book is excellent. it was actually writtern very perfectly and valuable. I found out this book from my i and dad advised this book to learn.

-- **Maymie O'Kon**

Here is the finest ebook i have got read until now. It really is simplistic but excitement within the 50 percent in the book. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Lupe Connelly**