



Tensor and Vector Analysis (Paperback)

By C. E. Springer

Dover Publications Inc., United States, 2012. Paperback. Condition: New. Language: English . Brand New Book. Concise and user-friendly, this college-level text assumes only a knowledge of basic calculus in its elementary and gradual development of tensor theory. The introductory approach bridges the gap between mere manipulation and a genuine understanding of an important aspect of both pure and applied mathematics. Beginning with a consideration of coordinate transformations and mappings, the treatment examines loci in three-space, transformation of coordinates in space and differentiation, tensor algebra and analysis, and vector analysis and algebra. Additional topics include differentiation of vectors and tensors, scalar and vector fields, and integration of vectors. The concluding chapter employs tensor theory to develop the differential equations of geodesics on a surface in several different ways to illustrate further differential geometry.

DOWNLOAD



READ ONLINE
[3.61 MB]

Reviews

Merely no phrases to describe. Better than never, though i am quite late in start reading this one. Its been written in an extremely easy way which is merely following i finished reading this publication through which in fact transformed me, change the way in my opinion.

-- **Pedro Renner**

Very beneficial to all of category of folks. We have read through and i am sure that i will going to read once again once again in the future. Your daily life span will probably be change when you full reading this pdf.

-- **Amelia Roob DDS**