

[DOWNLOAD](#)

## Tensor and Vector Analysis

---

By C. E. Springer

Dover Publications Inc. Paperback. Book Condition: New. Paperback. 256 pages. Dimensions: 8.9in. x 5.9in. x 0.6in. 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. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



**READ ONLINE**  
[ 4.7 MB ]

### Reviews

*Absolutely essential study pdf. It is written in basic words and phrases rather than hard to understand. I am just happy to tell you that this is basically the finest pdf I actually have studied during my personal lifestyle and can be the very best publication for actually.*

-- **Shyanne Senger**

*Comprehensive information! It's this sort of great go through. It really is really interesting through studying time. I am just quickly can get a satisfaction of looking at a created pdf.*

-- **Alexandra Weissnat**