

Tensor Calculus, Second Edition



Filesize: 8.05 MB

Reviews

This written publication is fantastic. This can be for anyone who statte that there had not been a well worth reading through. I realized this pdf from my i and dad recommended this publication to discover.

(Maye Schoen)

TENSOR CALCULUS, SECOND EDITION



Narosa Publishing House, 2012. Softcover. Book Condition: New. 5th or later edition. Tensor Calculus while presenting the concepts and Techniques begins with a brief introduction and history of tensors, followed by the study of systems of different orders, Einstein summation convention, kronecker symbol leading to the concepts of tensor algebra and tensor calculus. The authors conclude with a stimulating study in Riemannian geometry. Key Features Self-contained Basic Concepts of Vectors and Matrices Explained Unique Presentation to Understand the Theory Illuminating Examples NEW TO THE SECOND EDITION: Several new problems alongwith a stimulating study in Riemannian geometry. Table of Contents Preface to the Second Edition / Preface to the First Edition / Introduction / Some Preliminaries: Introduction / Systems of Different Orders / Summation Convention / Kronecker Symbols / Some Results of Determinants / Differentiation of a Determinant / Linear Equations, Cramer's Rule / Examples / Exercises / Tensor Algebra: Introduction / n-dimensional Space / Transformation of Coordinates in S_n / Invariants / Vectors / Tensors of Second Order / Mixed Tensors of Type (p, q) / Zero Tensor / Tensor Field / Algebra of Tensors / Equality of Two Tensors / Symmetric and Skew-symmetric Tensors / Outer Multiplication and Contraction / Inner Multiplication / Quotient Law of Tensors / Reciprocal Tensor of a Tensor / Relative Tensor / Cross Product or Vector Product of Two Vectors / Examples / Exercises / Tensor Calculus: Introduction / Riemannian Space / Christoffel Symbols and their Properties / Covariant Differentiation of Tensors / Riemann-Christoffel Curvature Tensor / Intrinsic Differentiation / Geodesics, Riemannian Coordinates and Geodesic Coordinates: Introduction / Calculus of Variations / Families of Curves / Euler's Conditions / Geodesics / Riemannian and Geodesic Coordinates / History of Tensor Calculus / Bibliography / Index. Printed Pages: 176.



[Read Tensor Calculus, Second Edition Online](#)



[Download PDF Tensor Calculus, Second Edition](#)

Other Books



Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Read Book »](#)



Love My Enemy

Andersen, UK, 2004. Softcover. Book Condition: New. First Edition. Available Now. Book Description: Zee (short for Zara) lives in a quiet suburb of Belfast, with an apparently idyllic family life. But Zee's father was shot...

[Read Book »](#)



Ask Dr K Fisher About Dinosaurs

Kingfisher, Great Britain, 2007. Softcover. Book Condition: New. Sheppard, Kate (illustrator). 32 pages. Multiple copies of this title available. For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of...

[Read Book »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)