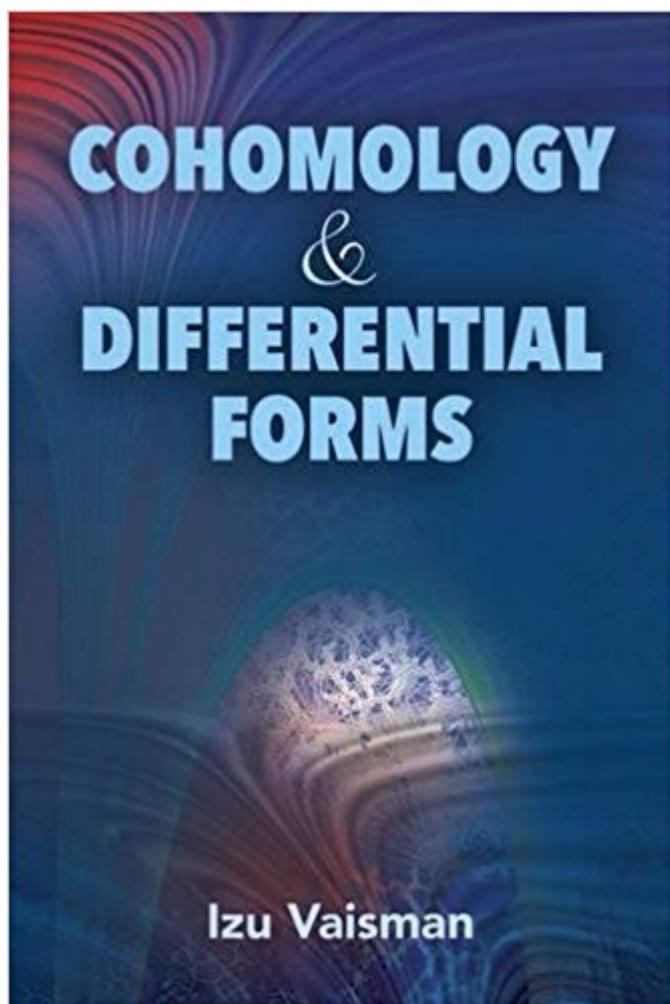


The book was found

Cohomology And Differential Forms (Dover Books On Mathematics)



Synopsis

This monograph explores the cohomological theory of manifolds with various sheaves and its application to differential geometry. Based on lectures given by author Izu Vaisman at Romania's University of Iasi, the treatment is suitable for advanced undergraduates and graduate students of mathematics as well as mathematical researchers in differential geometry, global analysis, and topology. A self-contained development of cohomological theory constitutes the central part of the book. Topics include categories and functors, the Ā,Ā'ech cohomology with coefficients in sheaves, the theory of fiber bundles, and differentiable, foliated, and complex analytic manifolds. The final chapter covers the theorems of de Rham and Dolbeault-Serre and examines the theorem of Allendoerfer and Eells, with applications of these theorems to characteristic classes and the general theory of harmonic forms.

Book Information

Series: Dover Books on Mathematics

Paperback: 304 pages

Publisher: Dover Publications (August 17, 2016)

Language: English

ISBN-10: 0486804836

ISBN-13: 978-0486804835

Product Dimensions: 5.9 x 0.7 x 8.8 inches

Shipping Weight: 14.4 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #299,949 in Books (See Top 100 in Books) #31 in Books > Science & Math > Mathematics > Geometry & Topology > Differential Geometry #44 in Books > Science & Math > Mathematics > Geometry & Topology > Topology

Customer Reviews

Izu Vaisman is Professor Emeritus of Mathematics at the University of Haifa. His research areas are differential geometry and symplectic manifolds, and his other books include Analytical Geometry, Foundations of Three Dimensional Euclidean Geometry, and A First Course in Differential Geometry.

very good

Great book and excellent service!

[Download to continue reading...](#)

Cohomology and Differential Forms (Dover Books on Mathematics) Tensors, Differential Forms, and Variational Principles (Dover Books on Mathematics) An Invitation to Quantum Cohomology: Kontsevich's Formula for Rational Plane Curves (Progress in Mathematics) Partial Differential Equations for Scientists and Engineers (Dover Books on Mathematics) An Introduction to Differential Equations and Their Applications (Dover Books on Mathematics) Tensor and Vector Analysis: With Applications to Differential Geometry (Dover Books on Mathematics) Partial Differential Equations of Mathematical Physics and Integral Equations (Dover Books on Mathematics) Ordinary Differential Equations (Dover Books on Mathematics) The Absolute Differential Calculus (Calculus of Tensors) (Dover Books on Mathematics) Hilbert Space Methods in Partial Differential Equations (Dover Books on Mathematics) Differential Equations and Their Applications: An Introduction to Applied Mathematics (Texts in Applied Mathematics) (v. 11) Differential Equations and Boundary Value Problems: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) [Differential Equations, Dynamical Systems, and an Introduction to Chaos [DIFFERENTIAL EQUATIONS, DYNAMICAL SYSTEMS, AND AN INTRODUCTION TO CHAOS BY Hirsch, Morris W. (Author) Mar-26-2012] By Hirsch, Morris W. (Author) [2012) [Paperback] Student's Solutions Manual for Fundamentals of Differential Equations 8e and Fundamentals of Differential Equations and Boundary Value Problems 6e Differential Equations: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) Applied Partial Differential Equations with Fourier Series and Boundary Value Problems (5th Edition) (Featured Titles for Partial Differential Equations) Ferri's Differential Diagnosis: A Practical Guide to the Differential Diagnosis of Symptoms, Signs, and Clinical Disorders, 2e (Ferri's Medical Solutions) Differential Diagnosis for Physical Therapists: Screening for Referral, 5e (Differential Diagnosis In Physical Therapy) Fundamentals of Differential Equations (8th Edition) (Featured Titles for Differential Equations) Student Solutions Manual to accompany Boyce Elementary Differential Equations 10e & Elementary Differential Equations with Boundary Value Problems 10e

[Contact Us](#)

[DMCA](#)

[Privacy](#)

FAQ & Help