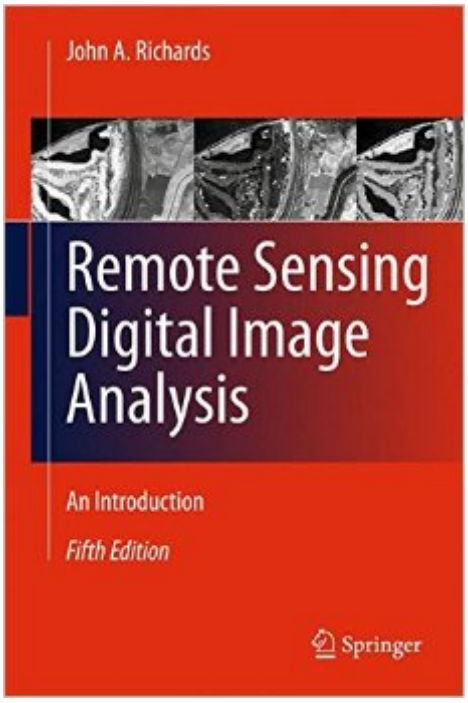
The book was found

Remote Sensing Digital Image Analysis: An Introduction



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Remote Sensing Digital Image Analysis provides the non-specialist with an introduction to quantitative evaluation of satellite and aircraft derived remotely retrieved data. Since the first edition of the book there have been significant developments in the algorithms used for the processing and analysis of remote sensing imagery; nevertheless many of the fundamentals have substantially remained the same.Â This new edition presents material that has retained value since those early days, along with new techniques that can be incorporated into an operational framework for the analysis of remote sensing data. The book is designed as a teaching text for the senior undergraduate and postgraduate student, and as a fundamental treatment for those engaged in research using digital image processing in remote sensing.Â The presentation level is for the mathematical non-specialist.Â Since the very great number of operational users of remote sensing come from the earth sciences communities, the text is pitched at a level commensurate with their background.Â Each chapter covers the pros and cons of digital remotely sensed data, without detailed mathematical treatment of computer based algorithms, but in a manner conductive to an understanding of their capabilities and limitations. Problems conclude each chapter.

Book Information

Hardcover: 494 pages
Publisher: Springer; 5th ed. 2013 edition (September 14, 2012)
Language: English
ISBN-10: 3642300618
ISBN-13: 978-3642300615
Product Dimensions: 6.1 x 1.1 x 9.2 inches
Shipping Weight: 1.9 pounds (View shipping rates and policies)
Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)
Best Sellers Rank: #1,325,885 in Books (See Top 100 in Books) #119 inÂ Books > Computers & Technology > Programming > Graphics & Multimedia > GIS #310 inÂ Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS #311 inÂ Books > Science & Math > Earth Sciences > Geography > Information Systems

Customer Reviews

This is one of the best books in the field of remote sensing. This book describes in detail, with good examples, the most important methods for multispectral image analysis. No previous background is needed and only basic mathematics are required.

I own the 3rd edition of this book and it’s a bit dated for a course I took recently, but it got me through the difficult to grasp concepts like PCA and Fourier analysis.Not bad.

Download to continue reading...

Remote Sensing Digital Image Analysis: An Introduction Object-Based Image Analysis: Spatial Concepts for Knowledge-Driven Remote Sensing Applications (Lecture Notes in Geoinformation and Cartography) Remote Sensing and Image Interpretation Remote Sensing and Image Interpretation, 7th Edition Remote Sensing, Third Edition: Models and Methods for Image Processing Imagery and Disease: Image-Ca, Image-Sp, Image-Db : A Diagnostic Tool for Behavioral Medicine Digital Processing of Synthetic Aperture Radar Data: Algorithms and Implementation [With CDROM] (Artech House Remote Sensing Library) Digital Remote Sensing Introduction to Remote Sensing, Third Edition Introduction to Microwave Remote Sensing Introduction to Remote Sensing, Fourth Edition An Introduction to Contemporary Remote Sensing Remote Sensing of the Environment An Earth Resource Perspective Remote Sensing of the Environment: An Earth Resource Perspective (2nd Edition) Principles of GNSS, Inertial, and Multisensor Integrated Navigation Systems, Second Edition (Artech House Remote Sensing Library) Global Environment Remote Sensing (Wave Summit Course) Field Methods in Remote Sensing Spotlight Synthetic Aperture Radar: Signal Processing Algorithms (Artech House Remote Sensing Library) Radiative Transfer in Scattering and Absorbing Atmospheres: Standard Computational Procedures (Studies in geophysical optics and remote sensing) Datums and Map Projections: For Remote Sensing, GIS and Surveying, Second Edition

Dmca