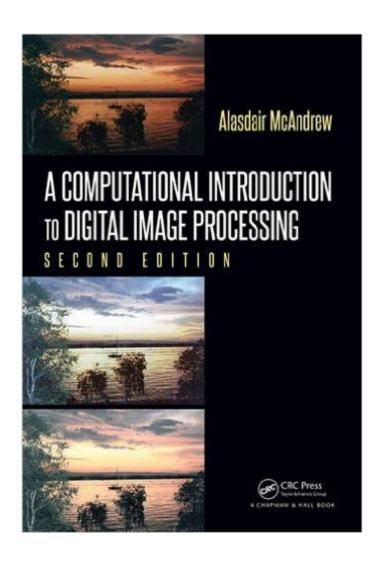
The book was found

A Computational Introduction To Digital Image Processing, Second Edition





Synopsis

Highly Regarded, Accessible Approach to Image Processing Using Open-Source and Commercial Software A Computational Introduction to Digital Image Processing, Second Edition explores the nature and use of digital images and shows how they can be obtained, stored, and displayed. Taking a strictly elementary perspective, the book only covers topics that involve simple mathematics yet offer a very broad and deep introduction to the discipline. New to the Second Edition This second edition provides users with three different computing options. Along with MATLAB®, this edition now includes GNU Octave and Python. Users can choose the best software to fit their needs or migrate from one system to another. Programs are written as modular as possible, allowing for greater flexibility, code reuse, and conciseness. This edition also contains new images, redrawn diagrams, and new discussions of edge-preserving blurring filters, ISODATA thresholding, Radon transform, corner detection, retinex algorithm, LZW compression, and other topics. Principles, Practices, and Programming Based on the authorâ ™s successful image processing courses, this bestseller is suitable for classroom use or self-study. In a straightforward way, the text illustrates how to implement imaging techniques in MATLAB, GNU Octave, and Python. It includes numerous examples and exercises to give students hands-on practice with the material.

Book Information

Hardcover: 551 pages

Publisher: Chapman and Hall/CRC; 2 edition (November 5, 2015)

Language: English

ISBN-10: 1482247321

ISBN-13: 978-1482247329

Product Dimensions: 10 x 7 x 1.3 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,045,253 in Books (See Top 100 in Books) #140 in Books > Science & Math > Mathematics > Applied > Graph Theory #141 in Books > Computers & Technology > Graphics & Design > Computer Modelling > Imaging Systems #1304 in Books > Textbooks > Computer Science > Graphics & Visualization

Download to continue reading...

A Computational Introduction to Digital Image Processing, Second Edition Imagery and Disease:

Image-Ca, Image-Sp, Image-Db: A Diagnostic Tool for Behavioral Medicine Image Processing and Acquisition using Python (Chapman & Hall/CRC Mathematical and Computational Imaging Sciences Series) Biosignal and Medical Image Processing (Signal Processing and Communications) Digital Signal Processing with Examples in MATLAB®, Second Edition (Electrical Engineering & Applied Signal Processing Series) Principles of Digital Image Processing: Core Algorithms (Undergraduate Topics in Computer Science) Fundamentals of Digital Image Processing Digital Image Processing for Medical Applications Image Sensors and Signal Processing for Digital Still Cameras (Optical Science and Engineering) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Computational Photochemistry, Volume 16 (Theoretical and Computational Chemistry) In Silico Medicinal Chemistry: Computational Methods to Support Drug Design (Theoretical and Computational Chemistry Series) The Wounded Healer: Ministry in Contemporary Society (Doubleday Image Book. an Image Book) Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Digital Signal Processing: with Selected Topics: Adaptive Systems, Time-Frequency Analysis, Sparse Signal Processing Remote Sensing Digital Image Analysis: An Introduction LabVIEW Digital Signal Processing: and Digital Communications Remote Sensing, Third Edition: Models and Methods for Image Processing Embedded Image Processing on the TMS320C6000TM DSP: Examples in Code Composer StudioTM and MATLAB Handbook of Image and Video Processing (Communications, Networking and Multimedia)

<u>Dmca</u>