
Digital Image Processing Questions With Answer

Digital Image Processing MCQ Questions with answers | Can You Answer Digital Image Processing MCQs? 50 Important Image Processing Multiple Choice Questions with Answers | Digital Image Processing MCQ Best books on Digital Image Processing lossless predictive coding | digital image processing | Image compression digital image processing IMAGE PROCESSING Important Questions|IMAGE PROCESSING INTERVIEW Questions|IMAGE PROCESSING VIVA Q\u0026A DIP - Introduction to Digital Image Processing - Multiple Choice Questions (MCQs) (AKTU) Digital Image Processing Important Questions \u2022 AKTU Semester Exam \u2022 UNIT 1 Book Review | Digital Image Processing | Gonzalez and Woods Multiple Choice Questions and Answers (Quiz & Tests with Answer Keys) Digital Geometry in Image Processing Oswaal CBSE Question Bank Class 11 (Set of 3

Books) History, Geography, Political Science (For 2022 Exam)

Digital Image Processing: Part I

Architectural Photography, 3rd Edition

Documenting the World

Physical Principles, Clinical Applications, and Quality Control

Digital Color Image Processing

Composition, Capture, and Digital Image Processing

Digital Image Processing MCQs

DIGITAL IMAGE PROCESSING

Techniques for Image Processing and

Classifications in Remote Sensing

Applications with MATLAB and CVIPtools

Fundamentals of Digital Image Processing

An Algorithmic Approach with MATLAB

An Interdisciplinary Introduction to Image Processing

Digital Image Processing

Computed Tomography - E-Book

PIKS Scientific Inside

*Digital
Image
Processing
Questions
With
Answer* OMB No.
2405130364887
edited by

**JANELLE
MENDEZ**

*Multiple
Choice
Questions and*

*Answers (Quiz
& Tests with
Answer Keys)*

Cambridge
University
Press
Digital Image
Processing
Multiple

Choice
Questions and
Answers
(MCQs) Quizzes
& Practice
Tests with
Answer Key
(Computer
Science Quick

<p>Study Guides & Terminology Notes to Review)Bushr a Arshad <i>Digital Geometry in Image Processing</i> Springer Science & Business Media Techniques for Image Processing and Classifications in Remote Sensing provides an introduction to the fundamentals of computer image processing and classification (commonly called "pattern</p>	<p>recognition"" in other applications). The book begins with a discussion of digital scanners and imagery, and two key mathematical concepts for image processing and classification —spatial filtering and statistical pattern recognition. This is followed by separate chapters on image processing and classification techniques that are widely used in</p>	<p>the remote sensing community. The emphasis throughout is on techniques that assist in the analysis of images, not particular applications of these techniques. The book also has four appendixes, featuring a bibliography; an introduction to computer binary data representation and image data formats; a discussion of interactive image processing; and a selection of exam</p>
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questions from the Image Processing Laboratory course at the University of Arizona. This book is intended for use as either a primary source in an introductory image processing course or as a supplementary text in an intermediate-level remote sensing course. The academic level addressed is upper-division undergraduate or beginning graduate, and familiarity with calculus

and basic vector and matrix concepts is assumed. Oswaal CBSE Question Bank Class 11 (Set of 3 Books) History, Geography, Political Science (For 2022 Exam) MIT Press This authoritative text (the second part of a complete MSc course) provides mathematical methods required to describe images, image formation and different imaging systems, coupled with

the principle techniques used for processing digital images. It is based on a course for postgraduates reading physics, electronic engineering, telecommunications engineering, information technology and computer science. This book relates the methods of processing and interpreting digital images to the 'physics' of imaging systems. Case studies reinforce the methods

discussed, with examples of current research themes. Provides mathematical methods required to describe images, image formation and different imaging systems. Outlines the principle techniques used for processing digital images. Relates the methods of processing and interpreting digital images to the 'physics' of imaging systems.
Digital

Image Processing: Part I
5starcooks
What key business process output measure(s) does Digital image processing leverage and how? Will Digital image processing deliverables need to be tested and, if so, by whom? What are your current levels and trends in key measures or indicators of Digital image processing product and process performance that are

important to and directly serve your customers? how do these results compare with the performance of your competitors and other organizations with similar offerings? What are our Digital image processing Processes? Can Management personnel recognize the monetary benefit of Digital image processing? Defining, designing, creating, and implementing a process to

solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to

ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the

future. They are the person who asks the right questions to make Digital image processing investments work better. This Digital image processing All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Digital image processing Self-Assessment. Featuring 701 new and updated case-based questions, organized into seven core areas of

process design, this Self-Assessment will help you identify areas in which Digital image processing improvements can be made. In using the questions you will be better able to: - diagnose Digital image processing projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice	strategies aligned with overall goals - integrate recent advances in Digital image processing and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Digital image processing Scorecard, you will develop a clear picture of which Digital image processing areas need attention. Your purchase includes	access details to the Digital image processing self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the
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<p>book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard, and... - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation ...plus an extra, special, resource that helps you with project managing.</p> <p>INCLUDES LIFETIME SELF ASSESSMENT UPDATES</p> <p>Every self assessment comes with Lifetime Updates and</p>	<p>Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.</p> <p><u>Architectural Photography, 3rd Edition</u></p> <p>Oswaal Books and Learning Private Limited</p> <p>Basic principles of image processing and programming</p>	<p>explained without college-level mathematics. This book explores image processing from several perspectives: the creative, the theoretical (mainly mathematical), and the programmatic al. It explains the basic principles of image processing, drawing on key concepts and techniques from mathematics, psychology of perception, computer science, and art, and</p>
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introduces computer programming as a way to get more control over image processing operations. It does so without requiring college-level mathematics or prior programming experience. The content is supported by PixelMath, a freely available software program that helps the reader understand images as both visual and mathematical objects. The

first part of the book covers such topics as digital image representation, sampling, brightness and contrast, color models, geometric transformations, synthesizing images, stereograms, photomosaics, and fractals. The second part of the book introduces computer programming using an open-source version of the easy-to-learn Python language. It covers the basics of image analysis and

pattern recognition, including edge detection, convolution, thresholding, contour representation, and K-nearest-neighbor classification. A chapter on computational photography explores such subjects as high-dynamic-range imaging, autofocus, and methods for automatically inpainting to fill gaps or remove unwanted objects in a scene. Applications described

include the design and implementation of an image-based game. The PixelMath software provides a “transparent” view of digital images by allowing the user to view the RGB values of pixels by zooming in on an image. PixelMath provides three interfaces: the pixel calculator; the formula page, an advanced extension of the calculator; and the Python window.

DOCUMENTING THE WORLD

Digital Image Processing
Multiple Choice Questions and Answers (MCQs) Quizzes & Practice Tests with Answer Key (Computer Science Quick Study Guides & Terminology Notes to Review)
This is an introductory to intermediate level text on the science of image processing, which employs the Matlab programming

language to illustrate some of the elementary, key concepts in modern image processing and pattern recognition. The approach taken is essentially practical and the book offers a framework within which the concepts can be understood by a series of well chosen examples, exercises and computer experiments, drawing on specific examples from within science,

medicine and engineering. Clearly divided into eleven distinct chapters, the book begins with a fast-start introduction to image processing to enhance the accessibility of later topics. Subsequent chapters offer increasingly advanced discussion of topics involving more challenging concepts, with the final chapter looking at the application of automated image classification (with Matlab examples) . Matlab is frequently used in the book as a tool for demonstration s, conducting experiments and for solving problems, as it is both ideally suited to this role and is widely available. Prior experience of Matlab is not required and those without access to Matlab can still benefit from the independent presentation of topics and numerous examples. Features a companion website www.wiley.com/go/solomon/fundamentals containing a Matlab fast-start primer, further exercises, examples, instructor resources and accessibility to all files corresponding to the examples and exercises within the book itself. Includes numerous examples, graded exercises and computer experiments to support both students and instructors

alike.

**PHYSICAL
PRINCIPLES,
CLINICAL
APPLICATIONS,
AND
QUALITY
CONTROL**

University of Chicago Press
The digital revolution over the past several decades has advanced every facet of evidence detection, photography, optimization, and interpretation. Forensic scientists and practitioners have benefited tremendously from the move

from film to digital. With proper procedures in place, digital images and casework capabilities have increased tremendously in both complexity and range due to a vast array of tools to enhance evidence and photography. Forensic Digital Image Processing: Optimization of Impression Evidence provides the forensic investigator with the tools and understanding to extract,

optimize, and interpret the maximum evidence possible from crime scenes to increase identifications. The book begins by examining the emergence of forensic digital image processing, and the gradual improvement and acceptance of the science over the past four decades. Coverage includes looking at the issues of image integrity and authentication including forensic image

optimization and the manipulation of images. Chapters explore techniques exploiting color theory, modes, and channels to optimize signal-to-noise ratio in images. One of the greatest assets of digital image technology is the ability to combine multiple images of the same subject to create a final, blended image: one that displays the desired evidence and is especially useful for

fingerprint or footwear impression. Later chapters demonstrate image subtraction, focus stacking, and high dynamic range, utilizing images in optimum focus and with substrate interference diminished or removed entirely. The authors look at fast Fourier transform as an optimal tool for noise removal, addressing basic theory and diagnosis of the noise signatures. The book

discusses the history of digital imaging techniques and their treatment within the court system. Forensic Digital Image Processing: Optimization of Impression Evidence serves as an invaluable resource and tool for practicing professionals—as well as those new to the field—to look at best practices, the latest technology, and advances in utilizing the increasing array of tools

of the trade.

Digital Color Image Processing

5starcooks

Digital image processing and analysis is a field that continues to experience rapid growth, with applications in many facets of our lives. Areas such as medicine, agriculture, manufacturing, transportation, communication systems, and space exploration are just a few of the application areas. This book takes an

engineering approach to image processing and analysis, including more examples and images throughout the text than the previous edition. It provides more material for illustrating the concepts, along with new PowerPoint slides. The application development has been expanded and updated, and the related chapter provides step-by-step tutorial examples for

this type of development. The new edition also includes supplementary exercises, as well as MATLAB-based exercises, to aid both the reader and student in development of their skills. *Composition, Capture, and Digital Image Processing* Springer This long-established and well-received monograph offers an integral view of image processing - from image acquisition to

the extraction of the data of interest – written by a physical scientists for other scientists. Supplements discussion of the general concepts is supplemented with examples from applications on PC-based image processing systems and ready-to-use implementations of important algorithms. Completely revised and extended, the most notable extensions being a detailed

discussion on random variables and fields, 3-D imaging techniques and a unified approach to regularized parameter estimation. *Digital Image Processing MCQs* Springer Science & Business Media This introduction to the fundamental concepts and methodologies of image processing is suitable for first-year postgraduate and senior undergraduate students in almost every

engineering discipline, and in particular meets the requirement of the prescribed courses in the streams: Electronics and Communication, Computer Science and Engineering, Information Technology, and Computer Applications. The book, now in its second edition, continues to offer a balanced exposition of the basic principles and applications of image processing. It lays

considerable emphasis on the algorithmic approach in order to teach students how to write good practical programs for problem solving. Major topics covered in the book include Image fundamentals, Different image transforms, Image enhancement in the spatial and frequency domains, Restoration, Image analysis, Image description, Image compression, Image

reconstruction from projections, and Applications of image processing in the areas of biometrics, speaker recognition, satellite imaging, medical imaging, and many more. The style of presentation is comprehensive and application oriented, comprising examples, diagrams, image results, case studies of applications, and review questions—ma

king it easy for students to understand key ideas, their practical relevance and applications. **NEW TO THIS EDITION** • Object representation , recognition and classification • MATLAB programs for image processing • OpenCV programs for image processing *DIGITAL IMAGE PROCESSING* John Wiley & Sons Is there any reason to believe the opposite of my current

belief? Is scope creep really all bad news? What will be the consequences to the stakeholder (financial, reputation etc) if Digital image processing does not go ahead or fails to deliver the objectives? How will you motivate the stakeholders with the least vested interest? What tools and technologies are needed for a custom Digital image processing project? Defining, designing,

creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with

a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... -

they are the people who rule the future. They are the person who asks the right questions to make Digital Image Processing investments work better. This Digital Image Processing All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Digital Image Processing Self-Assessment. Featuring 957 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Digital Image Processing improvements can be made. In using the questions you will be better able to: - diagnose Digital Image Processing projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Digital Image Processing and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Digital Image Processing Scorecard, you will develop a clear picture of which Digital Image Processing areas need

attention. Your purchase includes access details to the Digital Image Processing self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF -

The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Digital Image Processing Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF

ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

TECHNIQUES FOR IMAGE PROCESSING AND

CLASSIFICAT**IONS IN
REMOTE****SENSING**

Laxmi Publications With crystal clarity, this book conveys the most current principles in digital image processing, providing both the background theory and the practical applications to various industries, such as digital cinema, video compression, and streaming media. This book contains tons of useful features, including: * a

chapter on the role of human vision in image visualization, * the MATLAB codes used to generate most of the figures and tables listed in the book, as well as a few MATLAB projects, * a 24-pg color insert * case studies to illustrate the practical application of the theory.

**APPLICATIO
NS WITH
MATLAB
AND
CVIPTOOLS**

CRC Press
This revised and expanded new edition of

an internationally successful classic presents an accessible introduction to the key methods in digital image processing for both practitioners and teachers. Emphasis is placed on practical application, presenting precise algorithmic descriptions in an unusually high level of detail, while highlighting direct connections between the mathematical foundations and concrete

implementation. The text is supported by practical examples and carefully constructed chapter-ending exercises drawn from the authors' years of teaching experience, including easily adaptable Java code and completely worked out examples. Source code, test images and additional instructor materials are also provided at an associated website. Digital Image

Processing is the definitive textbook for students, researchers, and professionals in search of critical analysis and modern implementations of the most important algorithms in the field, and is also eminently suitable for self-study. Fundamentals of Digital Image Processing John Wiley & Sons Hands-on text for a first course aimed at end-users, focusing on concepts,

practical issues and problem solving.

AN ALGORITHMIC APPROACH WITH MATLAB

Elsevier
Avoiding heavy mathematics and lengthy programming details, Digital Image Processing: An Algorithmic Approach with MATLAB® presents an easy methodology for learning the fundamentals of image processing. The book applies the

algorithms using MATLAB®, without bogging down students with syntactical and debugging issues. One chapter can typically be completed per week, with each chapter divided into three sections. The first section presents theoretical topics in a very simple and basic style with generic language and mathematics. The second section explains the theoretical

concepts using flowcharts to streamline the concepts and to form a foundation for students to code in any programming language. The final section supplies MATLAB codes for reproducing the figures presented in the chapter. Programming-based exercises at the end of each chapter facilitate the learning of underlying concepts through practice. This textbook equips

undergraduate students in computer engineering and science with an essential understanding of digital image processing. It will also help them comprehend more advanced topics and sophisticated mathematical material in later courses. A color insert is included in the text while various instructor resources are available on the author's website. [An Interdisciplina](#)

ry Introduction
to Image
Processing
Elsevier
Health
Sciences
Imagine the
twentieth
century
without
photography
and film. Its
history would
be absent of
images that
defined
historical
moments and
generations.
Today such a
history feels
insubstantial
and imprecise,
even
unscientific.
And yet
photographic
technology
was not
always a
necessary
precondition

for the
accurate
documentatio
n of history.
The
documentary
impulse that
emerged in
the late
nineteenth
century
combined the
power of
science and
industry with
a particularly
utopian (and
often
imperialistic)
belief in the
capacity of
photography
and film to
capture the
world visually,
order it, and
render it
useful for
future
generations.
This book is
about the

material and
social life of
photographs
and films
made in the
scientific
quest to
document the
world. It
explores their
creation and
production as
well as the
collecting
practices of
librarians,
archivists, and
corporations.
Together, the
chapters of
Documenting
the World call
into question
the canonical
qualities of
the authored,
the singular,
and the
valuable
image, and
transgress the
divides

separating the still photograph and the moving image, as well as the analogue and the digital. They also definitively overturn the traditional role of photographs and films in historical studies as passive illustrations.

Digital Image Processing

CRC Press Exploring theories and applications developed during the last 30 years, Digital Geometry in

Image Processing presents a mathematical treatment of the properties of digital metric spaces and their relevance in analyzing shapes in two and three dimensions. Unlike similar books, this one connects the two areas of image processing and digital geometry, *Computed Tomography - E-Book* John Wiley & Sons Digital Image Processing Multiple Choice Questions and Answers

(MCQs) PDF: Quiz & Practice Tests with Answer Key (Digital Image Processing Quick Study Guide & Terminology Notes to Review) includes revision guide for problem solving with 600 solved MCQs. "Digital Image Processing MCQ" book with answers PDF covers basic concepts, theory and analytical assessment tests. "Digital Image Processing Quiz" PDF

book helps to practice test questions from exam prep notes. Digital image processing quick study guide provides 600 verbal, quantitative, and analytical reasoning past question papers, solved MCQs. Digital Image Processing Multiple Choice Questions and Answers PDF download, a book to practice quiz questions and answers on chapters: Digital image fundamentals, color image processing, filtering in frequency domain, image compression, image restoration and reconstruction , image segmentation, intensity transformation , spatial filtering, introduction to digital image processing, morphological image processing, wavelet, multi-resolution processing tests for college and university revision guide. Digital Image Processing Quiz Questions and Answers PDF download with free sample book covers beginner's questions, exam's workbook, and certification exam prep with answer key. Digital image processing MCQs book PDF, a quick study guide from textbook study notes covers exam practice quiz questions. Digital Image Processing practice tests PDF covers problem solving in self-assessment workbook from

computer science textbook chapters as:	Chapter 8:	transformation
Chapter 1: Color Image Processing MCQs	Chapter 9: Morphological Image Processing MCQs	, pseudo color image processing, smoothing, and sharpening.
Chapter 2: Digital Image Fundamentals MCQs	Chapter 10: Wavelet and Multiresolution Processing MCQs	Solve "Digital Image Fundamentals MCQ" PDF book with answers, chapter 2 to practice test questions: Representing digital image, elements of visual perception, image interpolation, image sampling and quantization, image sensing and acquisition, light and electromagnetic spectrum,
Chapter 3: Filtering in Frequency Domain MCQs	Chapter 4: Image Compression MCQs	
Chapter 5: Image Restoration and Reconstruction MCQs	Chapter 6: Image Segmentation MCQs	
Chapter 7: Intensity Transformation and Spatial Filtering MCQs	Chapter 8: Introduction to Digital Image Processing MCQs	

simple image formation model, spatial and intensity resolution. Solve "Filtering in Frequency Domain MCQ" PDF book with answers, chapter 3 to practice test questions: Basics of filtering in frequency domain, filtering concepts, 10d discrete Fourier transform, background of intensity transformation, convolution, discrete Fourier transform of one variable, extension to	functions of two variables, image interpolation and resampling, preliminary concepts, properties of 10d DFT, sampling, and Fourier transform of sampled function. Solve "Image Compression MCQ" PDF book with answers, chapter 4 to practice test questions: Fundamentals of image compression, image compression models, image compression techniques, coding	redundancy, fidelity criteria, image compressors, and measuring image information. Solve "Image Restoration and Reconstruction MCQ" PDF book with answers, chapter 5 to practice test questions: Model of image restoration process, image reconstruction from projections, constrained least squares filtering, convolution, estimating degradation
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<p>function, geometric mean filter, image processing algorithms, inverse filtering, linear position invariant degradations, minimum mean square error filtering, noise models, periodic noise reduction using frequency domain filtering, and restoration in presence of noise. Solve "Image Segmentation MCQ" PDF book with answers, chapter 6 to practice test questions:</p>	<p>Fundamentals of image segmentation, image processing algorithms, edge models in image segmentation, edge detection in image processing, edge detection in segmentation, edge models, line detection in digital image processing, line detection in image segmentation, point line and edge detection, and preview in image segmentation. Solve "Intensity</p>	<p>Transformation and Spatial Filtering MCQ" PDF book with answers, chapter 7 to practice test questions: Background of intensity transformation , fundamentals of spatial filtering, basic intensity transformations functions, bit plane slicing, contrast stretching, examples in intensity transformation , histogram equalization, histogram matching, histogram processing, image negatives,</p>
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intensity level slicing, local histogram processing, log transformation , piecewise linear transformation functions, power law transformation , smoothing spatial filters, spatial correlation, and convolution. Solve "Introduction to Digital Image Processing MCQ" PDF book with answers, chapter 8 to practice test questions: Origin of digital image processing,	fundamental steps in digital image processing, example of using image processing, examples of using modalities, gamma rays imaging, imaging in a radio wave, imaging in microwave band, imaging in ultraviolet band, imaging in visible and infrared band, and x-ray imaging. Solve "Morphologica l Image Processing MCQ" PDF book with answers, chapter 9 to practice test questions:	Morphological image processing basics, preliminaries in morphological image processing, erosion and dilation, hit or miss transformation , image erosion, morphological analysis, and morphological opening closing. Solve "Wavelet and Multiresolution Processing MCQ" PDF book with answers, chapter 10 to practice test questions: Introduction to wavelet and multiresolutio
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n processing, multiresolution expansions, and wavelet transforms in one dimension.

Elsevier Health Sciences
This coherent and articulate volume summarizes work carried out in the field of theoretical signal and image processing. It focuses on non-linear and non-parametric models for time series as well as on adaptive methods in image processing.

The aim of this volume is to bring together research directions in theoretical signal and imaging processing developed rather independently in electrical engineering, theoretical physics, mathematics and the computer sciences.

PIKS SCIENTIFIC INSIDE

Oswaal Books and Learning Pvt Ltd
An introduction to color in three-dimensional

image processing and the emerging area of multi-spectral image processing
The importance of color information in digital image processing is greater than ever. However, the transition from scalar to vector-valued image functions has not yet been generally covered in most textbooks. Now, Digital Color Image Processing fills this pressing need with a

detailed introduction to this important topic. In four comprehensive sections, this book covers: The fundamentals and requirements for color image processing from a vector-valued viewpoint
Techniques for preprocessing color images
Three-dimensional scene analysis using color information, as well as the emerging area of multi-spectral imaging
Applications of color image processing, presented via the examination of two case studies
In addition to introducing readers to important new technologies in the field, Digital Color Image Processing also contains novel topics such as: techniques for improving three-dimensional reconstruction, three-dimensional computer vision, and emerging areas of safety and security applications in luggage inspection and video surveillance of high-security facilities.
Complete with full-color illustrations and two applications chapters, Digital Color Image Processing is the only book that covers the breadth of the subject under one convenient cover. It is written at a level that is accessible for first- and second-year graduate students in electrical and computer engineering

and computer science courses, and that is also appropriate for researchers who wish to extend their knowledge in the area of color image processing.

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