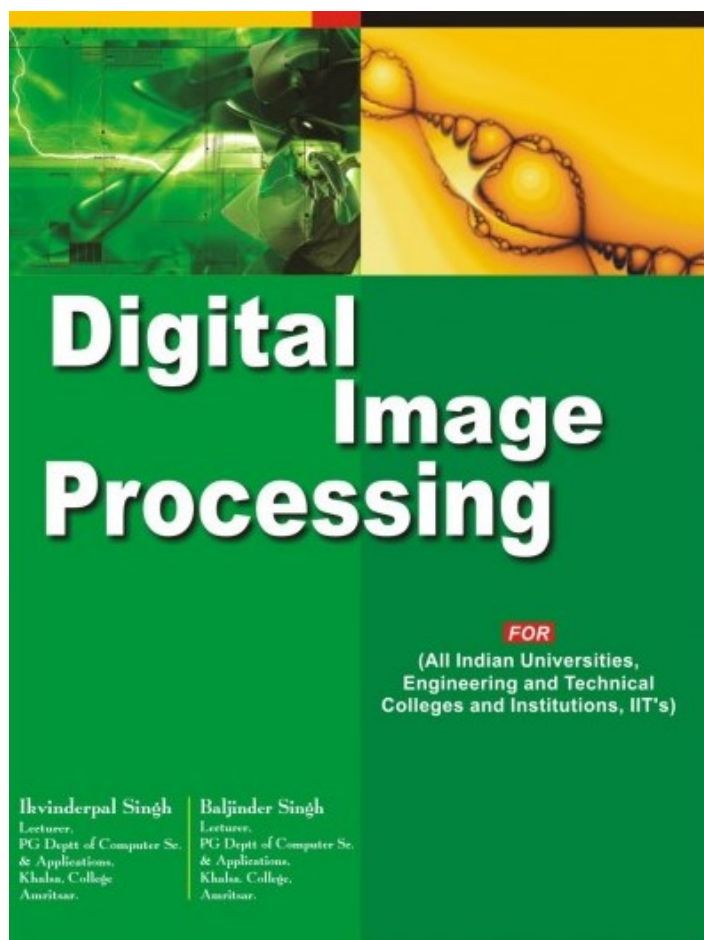




Digital Image Processing

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Product Description

This book is written keeping in mind a beginner. This volume offers an exceptionally clear and thorough introduction to image processing at an elementary level. It provides the clear survey of basic fundamentals of image processing and various image processing techniques. In it, we emphasize mathematical analysis of image signal representation, hardware architecture for image processing and practical engineering problems in picture data archival, computer vision and medical imaging.

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Chapter 1: Background. **Chapter 2:** Fundamentals of Image Processing. **Chapter 3:** Image Signal Representation. **Chapter 4:** Image Enhancement. **Chapter 5:** Image Restoration. **Chapter 6:** Image Feature Extraction. **Chapter 7:** Image Data Compression and Statistical Pattern Recognition. **Chapter 8:** Hardware Architecture for Image Processing. **Chapter 9:** Techniques of Color Image Processing. **Chapter 10:** Applications of Image Processing.

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