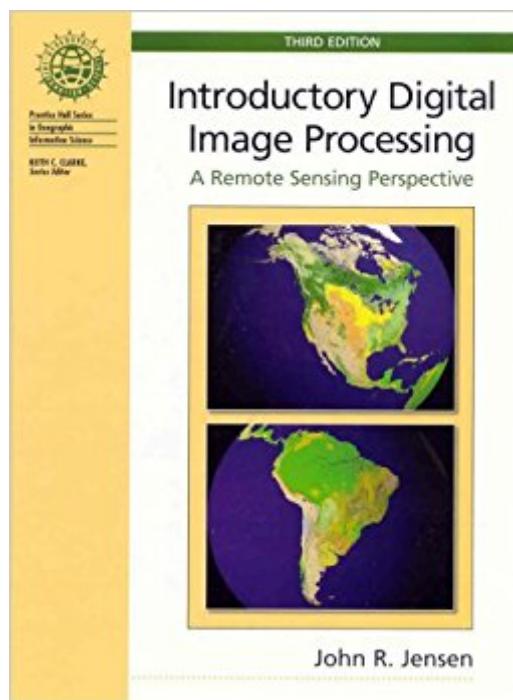


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# Introductory Digital Image Processing (3rd Edition)



## **Synopsis**

This revision of Introductory Digital Image Processing: A Remote Sensing Perspective continues to focus on digital image processing of aircraft- and satellite-derived, remotely sensed data for Earth resource management applications. Extensively illustrated, it explains how to extract biophysical information from remote sensor data for almost all multidisciplinary land-based environmental projects. Part of the Prentice Hall Series Geographic Information Science.

## **Book Information**

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## **Customer Reviews**

This text focuses exclusively on the art and science of digital image processing of satellite and aircraft-derived remotely-sensed data for resource management. Extensively illustrated, it explains how to extract biophysical information from remote sensor data for almost all multidisciplinary land-based environmental projects. Part of the Prentice Hall Series Geographic Information Science. --This text refers to an out of print or unavailable edition of this title.

Explains how to apply digital image processing techniques to remotely sensed imagery, and how to obtain useful results and information during this process. It assumes a course in introductory remote sensing or air photo interpretation, college algebra, and basic statistics. --This text refers to an out of print or unavailable edition of this title.

I am reading this book as a recommended text for a graduate level course on remote sensing. This

is honestly one of the more thorough textbooks I've ever read. I'm relatively new to the field of remote sensing, and the author does an excellent job of presenting both theory and applied tools. This is an introductory book, so don't expect extreme detail or in-depth case studies in any one area. But in total, a thorough and interesting discussion on major relevant topics are presented with numerous examples and very helpful explanations. The book frequently discusses the various remote sensing software applications (I'm using ENVI in my course), and it's very nice to see theory and principles tied directly to the analysis I'm actually doing. Also- the book has a lot of graphics, charts, tables, etc that can be skipped or read in-depth to better understand the topics being discussed. A lot of the figures are in black and white, which is a drawback, but not one that I found warranted any substantial negative feedback. There is a high quality color photo insert section in the middle of the book with more visually appealing images. In short- Thorough and engaging introduction to the field with a nice balance of theory and practical/applied info. Lots of examples, pictures, and figures that reinforce the topics presented.

This book is printed on regular printer paper (not the normal glossy textbook paper). For over \$100 I would expect higher quality. It makes highlighting and writing notes difficult because the color bleeds through to the other side. The index is extremely frustrating and difficult to use. When looking up topics to study for midterms I just had to scan entire chapters because page numbers were wrong entirely in the index or the topic was left out completely. If you are going to rip off students with high textbook prices, at least make sure you have a quality product.

This is sure to become a new Bible for me for grad school. Wonderful examples as to how to digitally process images and very clear instructions. Also, to my surprise, I found that a couple of my adviser's papers are cited in it so it's no surprise to me why she suggested it when I was looking for a book on this topic. I will be using this book later for a class, but for now it's going to be a great help for processing my images in the course of my graduate research.

nice book hard copy a little expensive but it is useful for remote sensing study and I can accept it

This book was extremely difficult to understand. It says 'Introductory' in the title, but it is not introductory enough. It has a lot of really good information in it about the subject, but it goes right into technical stuff without explaining much, and no glossary to define new terms

Outdated and overpriced. I was forced to buy this by my school. It's like learning about disco when we're way more advanced than that. We should get a steep discount on the next version that's hopefully coming out soon.

The best RS book I have ever read.

Great remote sensing textbook

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