



The Image Processing Handbook, Fifth Edition

By John C. Russ

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Image processing is used in a wide variety of applications to improve the visual appearance of images and to prepare images for measurement. Covering techniques for both tasks, this best-selling handbook presents an extensive collection of image processing tools to help readers understand methods used in packaged software and learn to program additions for applications. With over 600 new and revised illustrations, this edition expands discussions on deconvolution, extended dynamic range images, and multichannel imaging with new material on principal components analysis. It also includes a new chapter on human vision and discusses the latest technologies for image capture and printing.

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The Image Processing Handbook, Fifth Edition By John C. Russ Bibliography

- Sales Rank: #3040958 in eBooks
- Published on: 2009-01-24
- Released on: 2009-01-24
- Format: Kindle eBook



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Editorial Review

Review

Dr. John C. Russ is the recipient of the 2006 Ernst Abbe Memorial Award of the New York Microscopical Society, for achievements made in the field of microscopy.

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