Bernd Jähne

Digital
Image Processing

6th revised and extended edition

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The entire text of the book in PDF format.

The PDF file includes cross references allowing for a flexible use of the electronic text. The following cross references were integrated in the PDF files:

1. Bookmarks for chapters and sections
2. Table of contents (red colored captions) to the respective section
3. Image references (red colored text) to the respective picture
4. Equation references (red colored numbers in parentheses) to the respective equation
5. References to the reference part of the book (red colored number with leading capital R)
6. Citation (blue colored number in brackets) to the respective page of the bibliography
7. Index to the respective page in the book; the key word is written in italics (red colored number)
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**Survey exercises
(Reference part — C)**

For a quick overview, the exercises for the image processing software heurisko® which are located at the end of each chapter are summarized here without the computer exercises.
Sample solutions for all exercises may be requested from the author
(E-Mail: Bernd.Jaehne@iwr.uni-heidelberg.de).
Information on the conditions for access to the sample solutions can be found on the internet page of the author
(www.bernd-jaehne.de).

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Run the image processing exercises with heurisko® from the CD-ROM (Reference part — D)

All computer exercises can be started from the book PDF file. For convenience, they are summarized here including a brief intro-duction to the image processing software heurisko®.
To start an exercise, it is, however, required that heurisko® is installed on your computer.

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Install the heurisko® image processing software

Here you can install heurisko® on your machine to run the computer exercises. The installation routine does not copy the PDF files of the book in German and English to your disk drive. You must do it yourself. You can copy the files dip6ebook.pdf (and the German version dbv6ebook.pdf) from the directory "Content" on the CD-ROM into any directory on your hard disk. **Attention: You must also copy the directory "ws" with the heurisko® workspaces into the same directory as your PDF files. Only then you can start the computer exercises directly from the PDF document.** The largest storage place is occupied by the sample image sequences (directory images\sequences) with 149 MB and the sample volumetric images (directory images\volumetric) with 53 MB. If you use the standard installation procedure, these sample images are copied to your hard disk. Choose the option "custom" and deactivate the installation of the corresponding directories to skip the installation of these sample images.

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