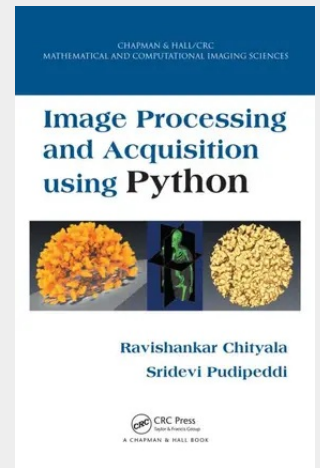


Image Processing and Acquisition Using Python

Image Processing and Acquisition using Python provides readers with a sound foundation in both image acquisition and image processing—one of the first books to integrate these topics together. By improving readers' knowledge of image acquisition techniques and corresponding image processing, the book will help them perform experiments more effectively and cost efficiently as well as analyze and measure more accurately. Long recognized as one of the easiest languages for non-programmers to learn, Python is used in a variety of practical examples. A refresher for more experienced readers, the first part of the book presents an introduction to Python, Python modules, reading and writing images using Python, and an introduction to images. The second part discusses the basics of image processing, including pre/post processing using filters, segmentation, morphological operations, and measurements. The last part describes image acquisition using various modalities, such as x-ray, CT, MRI, light microscopy, and electron microscopy. These modalities encompass most of the common image acquisition methods currently used by researchers in academia and industry.



110,50 €

103,27 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9781466583757

Medium: Buch

ISBN: 978-1-4665-8375-7

Verlag: CRC PR INC

Erscheinungstermin: 19.02.2014

Sprache(n): Englisch

Auflage: Neuauflage 2014

Serie: Chapman & Hall/CRC the Python

Produktform: Gebunden

Gewicht: 690 g

Seiten: 390

Format (B x H): 159 x 241 mm

