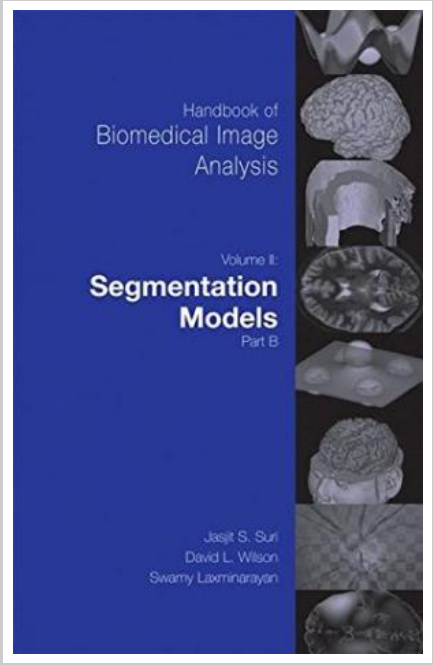

Handbook of Biomedical Image Analysis 2

By Jasjit S. Suri

Springer-Verlag Gmbh Jun 2005, 2005. Buch. Book Condition: Neu. 246x172x53 mm. Neuware - Handbook of Biomedical Image Analysis: Segmentation Models (Volume II) is dedicated to the segmentation of complex shapes from the field of imaging sciences using different mathematicaltechniques. This volume is aimed at researchers and educators in imaging sciences, radiological imaging, clinical and diagnostic imaging, physicists covering different medical imaging modalities, as well as researchers in biomedical engineering, applied mathematics, algorithmic development, computer vision, signal processing, computer graphics and multimedia in general, both in academia and industry. Key Features: --- Model-based brain tissue classification --- Supervised texture classification for intravascular tissue characterization --- Medical image segmentation: methods and applications in functional imaging --- Automatic segmentation of pancreatic tumors in CT --- Computerized analysis and vasodilation parameterization in flow-mediated dilation tests from ultrasonic image sequences --- Adaptive approaches to optical segmentation in brain MRI Images --- Automatic analysis of color fundus photographs and its application to the diagnosis of diabetic retinopathy --- Segmentation issues of carotid plaque analysis in MRI --- Accurate lumen identification, detection, and quantification in MR plaque volumes --- Hessian-based multiscale enhancement, description, and quantification of second-order 3D local structures from medical volume data --- A knowledge-based...

Reviews

Very beneficial to all of class of people. I am quite late in start reading this one, but better then never. You may like just how the writer create this publication.

-- ***Audra Klocko PhD***

Thorough information! Its this type of great go through. It is amongst the most incredible publication i actually have read through. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- ***Germaine Welch***