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Soggetti	Biomedical engineering Signal processing Image processing Speech processing systems Radiology Optical data processing Health informatics Bioinformatics Biomedical Engineering and Bioengineering Signal, Image and Speech Processing Imaging / Radiology Computer Imaging, Vision, Pattern Recognition and Graphics Health Informatics Computational Biology/Bioinformatics
Lingua di pubblicazione	Inglese
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Nota di contenuto	1.Introduction -- 2.Artifacts Correction in MRI Images -- 3.Spiral Cone-beam CT Reconstruction -- 4.Visual Quality Improvement of CT Image Reconstruction with Quantitative Measures -- 5.References.
Sommario/riassunto	This book highlights the experimental investigations that have been carried out on magnetic resonance imaging and computed tomography (MRI & CT) images using state-of-the-art Computational Image processing techniques, and tabulates the statistical values wherever necessary. In a very simple and straightforward way, it explains how image processing methods are used to improve the quality of medical

images and facilitate analysis. It offers a valuable resource for researchers, engineers, medical doctors and bioinformatics experts alike.
