

# Download Computational Intelligence In Biomedical Imaging

Computational Intelligence in Biomedical Imaging Lab. The long-term goal of the laboratory's research is to develop computational-intelligence technologies that learn, from data and examples, experts' knowledge and skills in understanding images in order to make smart decisions. Computer -aided Systems. Machine/Data Learning. Computational Intelligence in Biomedical Imaging is a comprehensive overview of the state-of-the-art computational intelligence research and technologies in biomedical images with emphasis on biomedical decision making. Computer-assisted radiology Computational intelligence Pattern recognition Medical image computing Multidimensional imaging Neural networks Biomedical imaging This is a preview of subscription content, log in to check access. Introduction. This book discusses major technical advancements and research findings in the field of computational intelligence in biomedical imaging, for example, computational intelligence in computer-aided diagnosis for breast cancer, prostate cancer, and brain disease, in lung function analysis, and in radiation therapy.