Neri / Caramella / Bartolozzi

Image Processing in Radiology

Current Applications

Few fields have witnessed such impressive advances as image processing in radiology. The progress achieved has revolutionized diagnosis and greatly facilitated treatment selection and accurate planning of procedures. This book, written by leading experts from many countries, provides a comprehensive and up-to-date description of how to use 2D and 3D processing tools in clinical radiology. The first section covers a wide range of technical aspects in an informative way. This is followed by the main section, in which the principal clinical applications are described and discussed in depth. To complete the picture, a third section focuses on various special topics. The book will be invaluable to radiologists of any subspecialty who work with CT and MRI and would like to exploit the advantages of image processing techniques. It also addresses the needs of radiographers who cooperate with clinical radiologists and should improve their ability to generate the appropriate 2D and 3D processing.

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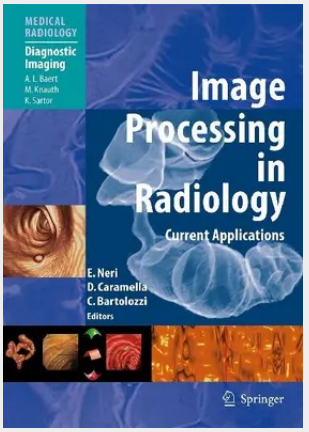

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