Abstract

In this day and age, digital images play a significant role in our day-to-day life. Digital images are utilized in a wide range of fields like medical, business and more. Besides, the digital images play a vital part in the medical field in which it has been utilized to analyze the anatomy. These medical images are used in the identification of different diseases. Regrettably, the medical images have noises due to its different sources in which it has been produced. Confiscating such noises from the medical images is extremely crucial because these noises may degrade the quality of the images and also baffle the identification of the disease. Hence, denoising of medical images is indispensable. Researchers have recognized this issue and have provided lots of paradigms and techniques for use in the medical image denoising process. In this paper, an extensive review on denoising of medical images is presented together with the classification of medical images into either Radiographic or Ultrasound or MRI or CT image. In addition, a brief description on the digital images and medical images is presented. A concise note on Radiography, Ultrasound, MRI and CT images is also presented.
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Index Terms

Computer Science           Image Processing

Keywords

Digital images  medical images  Radiography  Ultrasound  Medical Resonance Image (MRI)
Computed Tomography (CT) image
denoising