Abstract

Digital image processing is used to process with digital images by using digital computers. Digital images are electronic representations of images that are stored on a computer. Image preprocessing is the technique of enhancing data images prior to computational process. Image filtering is one of the preprocessing operation which is allows to apply various effects on photo, to reduce noise and improve the visual quality of an images [1]. Filter operations can be used to sharpen or blur images, to selectively suppress image noise, to detect and enhance edges, or to alter the contrast of the image. Smoothing is often used to reduce noise within an image or to produce a less pixilated image. One kind of the smoothing filter is median filter.
There are three kinds of images: still image, medical image, and satellite image [2]. This paper is mainly focusing the usage of median filter in these three images.

References

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Index Terms

Computer Science Image Processing

Keywords

Median Filter Still Images Medical Images Satellite Images Pixel Noise Data