Abstract

Removal of noise is an essential and challengeable operation in image processing. Before performing any process, images must be first restored. Images may be corrupted by noise during image transmission through electronic media. Noise effect always corrupts any recorded image which is much more harmful for future process. To overcome the problem of noise level in digital images this paper present a review of different image denoising method. In this paper various filters are used for image denoising. This proposed method adopt first and second order mean filter (FSOMF) in which for first phase we detect the impulse noise. And the second phase which is also called as filtering phase replaces the detected noise pixel. Finally able to show in our experimental result of proposed method FSOMF, is capable of filtering of impulse noise.

References

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Index Terms

Computer Science

Image Processing
Keywords
  Denoising  Mean Filter  Impulse Noise.