Abstract

Noise Reduction is an important block in the image processing system. The main problem in image processing is to find the suitable method for reducing noise presented in the captured image. The extent of noise reduction is directly proportional to the quality of the image produced. In this paper, we introduce some basic noise types, traditional noise reduction methods and a proposed method to reduce the Gaussian, Salt and Pepper noise from the PGM
images. The proposed methodology discussed here is specially developed to reduce impulse noises efficiently than average or median filter. There are various methods for enhancing the image that is degraded by noise like average filter, median filter and fuzzy filter. This paper is based on the enhanced average filter that gives better result than simple average filter.

References

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Index Terms

Computer Science

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Keywords
Noise Reduction  Images  Pgm Images.