Abstract

The quality of the RGB color image degrades from the minute it is captured to the time it is displayed to the human observer. The image is subject to many kinds of distortions during the stages that it might pass through such as storing, processing, compressing, and transmitting, thus enhancing the image quality is a major important issue. This paper will introduce the effects of salt&pepper and Gaussian noises. A comparative experimental analysis will be done and some recommendation will be approved in which filter to use to reduce the effect of the noise.

References

2. Alqadi, Ziad A.; Moustafa, Akram A.; Alduari, Majed; Zneit, Rushdi abu Zneit, True Color
Analysis of Color Image Filtering Methods


Index Terms

Computer Science Image Processing
Keywords

Adaptive median filter, median filter, average filter, noise, PSNR.