Abstract

Removing mixed noise from images is one of the challenging problem. In this paper, review the types of filtering approach and noise detection technique for remove mixed noise from images. Switching bilateral filter is one of the best methods for removing mixed noise. Compare to other filters, the switching scheme is best one for restore high level impulse noise in images. Computational complexity of SBF is less than the other universal noise removal filters.

References

Survey on Removal of Universal Noise from Images

Mar. 2007.

Index Terms

Computer Science

Signal Processing
Keywords
Gaussian noise  Impulse noise  Mixed noise  Noise detection  Impulse noise
Switching bilateral filter