Abstract

Image restoration is an important part of image processing. There are several techniques exist for image recovery. This paper presents a functional link artificial neural network based technique for image restoration which has the capacity of reducing the Gaussian noise present in an image. Then a comparison has been carried out between the proposed filter & the other existing filters. Finally, some conclusion & future work lines are presented.

References

Performance Analysis of Filter based on Functional Link Artificial Neural Network

- Z. Long, N. H. Younan, "Denoising Of Images With Multiplicative Noise Corruption," Mississippi State University, Starkville, MS 39759, USA.

Index Terms

Computer Science

Artificial Intelligence
Keywords

Image restoration  noise & its parameters  different filters  functional link artificial neural network.