Abstract

Image enhancement is one of the main issues in digital image processing. Image enhancement is done to obtain a high quality image. This makes output image better than original image. Images that are obtained from medical imaging systems are of low quality. This may happen because available range of possible gray levels may not be utilized properly. Therefore images may suffer from underexposure and overexposure problems. A new algorithm has been proposed in this paper to enhance such medical images. A comparison of existing image enhancement techniques with the proposed technique based on different performance parameters is presented. Experimental results show that proposed technique is better than various existing techniques.

References

with its Advantages and Disadvantages. IJSART, 2(5), 171-182.


Index Terms

Computer Science  Biomedical

Keywords

Image enhancement, histogram equalization, adaptive histogram equalization, clahe, curvelets.