Abstract

In current scenario, there is a requirement of power saving in multimedia devices such as mobile and televisions. When we increase contrast in these devices, more power to be consumed by display panel. The PCCE algorithm has been developed a framework for power saving and contrast enhancement together in emissive displays. But this algorithm does not give proper results on noisy image due to unwanted pixels of noise. For removing this weakness, we introduced a new method in which image filtered through wiener filter and then use PCCE algorithm for emissive displays. The proposed method give better results than existing method in terms of power saving.

References


**Index Terms**

Computer Science  
Image Processing

**Keywords**

Contrast enhancement Emissive displays Wiener filter Image enhancement.