Abstract

This paper presents an evaluation of different image fusion techniques. There are many image fusion techniques which have been developed in a number of applications. Image fusion incorporates the data from several images of one scene to obtain an enlightening image which is more appropriate for human visual perception or additional vision processing. Image quality is closely connected to image focus. Image fusion has become one of the most recent and popular methods in the field of image processing. The discrete cosine transforms (DCT) based methods of image fusion are more suitable for energy consumption and time-saving in real-time systems using DCT based standards of still image.

References


2003.

**Index Terms**

Computer Science  Image Processing

**Keywords**

Image Fusion  Discrete Wavelet Transform  Discrete Cosine Transformations
Wavelet Transformations
Laplacian Pyramid
Visual Sensor Networks.