Abstract

Image fusion combines several images of same object or scene so that the final output image contains more information. In this paper many advanced pixel level fusion techniques like Kekre's wavelet transform, DCT Kekre's wavelet transform, Hadamard Kekre's wavelet transform, Walsh Kekre's wavelet transform techniques for image fusion are proposed and compared. These methods have main advantage that they can be used for images whose sizes are not necessarily integer power of 2.
Implementation and Comparison of different Transform Techniques using Kekre’s Wavelet Transform for Image Fusion


**Index Terms**

Computer Science  
Image Processing

**Keywords**

Dct Kekre’s Wavelet  
Hadamard Kekre’s Wavelet  
Walsh Kekre’s Wavelet
| Wavelet | Image Fusion |