Abstract

Image registration is an important step in all image analysis and it performs the operation of overlaying images of the alike picture taken at various times, from various viewpoints, and/or by various sensors. The wavelet domain provides invariant that are centrally symmetric to blur. Blur invariants are constructed from different wavelet function. Template image is chosen in the degraded images using similarity the template image is matched with the original image. Using Daubuchies wavelet functions the images are accurately registered, even in the severely degraded images compared to the spatial domain blur invariants which may result in misfocus registration of an image.
References


Index Terms

Computer Science

Image Processing

Keywords

Blur Moment Invariants  Centrally Symmetric Blur  Image Registration And Wavelet
Transform.