Image authentication is important in content delivery to preserve originality as well as integrity of data. Using handwritten signature we can authenticate a person accurately. This paper proposes an efficient image authentication technique by hiding handwritten signature image in selected DWT sub-band of the image. At the receiver end signature image is extracted and verified with template signature using Artificial Neural Network and hence image authentication is achieved.
An Image Authentication Technique by Handwritten Signature Verification using DWT and ANN


Index Terms

Computer Science

Image Processing
Keywords
Dwt  Aspect Ratio  Cross & End Points  Confusion Matrix  Center Of Gravity  Ann