Abstract

Due to growth of Internet and multimedia technologies in today's life, it made easy to copy and distribution of any document without any owner's consent. Watermarking is a process of concealing the digital information in a document for providing the ownership on his/her document. To increase security of ownership of a document and to improve quality of indistinguishable watermarked image from host image, a new watermarking approach equal pixel value difference method is proposed in this paper during embedding and extraction process. This method provides equal differences between pixels of watermarked image and host image placed at same pixel position which improves the quality of watermarked image. The experimental results show watermarked images with good robustness and Imperceptibility.
A Gray Scale High Quality Digital Image Watermarking using Equal Pixel Value difference Method (EPVD)


- Maruthuperumal S., Dr. V. Vijayakumar & Vijayakumar B., "Sorted Pixel Value Difference on Fuzzy Watermarking Scheme", Global Journal of Computer Science and Technology, Volume 12, issue 4, version 0. 1 Feb 2012.

Index Terms

Computer Science

Image Processing
Keywords
Host Image  Watermarked Image  Even/odd positioned pixel difference.