Abstract

As the digital data is transferred over the internet which may harm the digital data like tampering of data etc. Therefore the need of digital data protection has been increased with the advancement in the technology. Watermarking is a technique used to protect the digital data. Digital watermarking is a technique by using which user can get the copyright of its product which prevents the data from tampering. Many techniques are available for video watermarking like Discrete Wavelet Transform, Least Significant Bit Technique etc. [2]. The properties of digital watermarking are for copy control, In fingerprinting, For identification of ownership, For Authentication, Monitoring of digital video broadcast, In video tagging etc. [1]. The techniques of video watermarking that have been introduced till date are studied and comparison between all of them is made out to find the best efficient technique. The analysis of the results is done and the implementation is done using the MATLAB software.
7. Radouane, M. April 2014 “Robust method of digital image watermarking using SVD transform on DWT coefficients with optimal block”
16. Manjit Thapa, Sandeep Kumar Sood, “Digital watermarking is used to hide the information inside a signal.
18. G. G. Chiddarwar, The protection and illegal redistribution of digital media has become an important issue in the digital era.
22. Mrs Neeta Deshpande, 2010 “Review of Robust Video Watermarking Algorithms”.
23. Fadoua DRIRA, Image watermarking technique based on the steerable pyramid transform.

Index Terms

Computer Science

Image Processing
Keywords

Watermarking, video watermarking, security, DWT, DCT, Robustness, perceptibility