Abstract

With increasing use of internet and effortless copying, tempering and distribution of digital data, copyright protection for multimedia data has become an important issue. Digital watermarking emerged as a tool for protecting the multimedia data from copyright infringement. In digital watermarking an imperceptible signal “mark” is embedded into the host image, which uniquely identifies the ownership. After embedding the watermark, there should be no perceptual degradation. These watermarks should not be removable by unauthorized person and should be robust against intentional and unintentional attacks. In this paper the method of characterizing is the most important and distinguishing features of wavelet-based watermarking.
Wavelet based Watermarking Techniques using Principal Component Analysis Domain

schemes. Copyright protection is considered and building the gained experience. It has been implemented with two distinguishing watermarking schemes. Watermarking is a technique which allows an individual to add hidden copyright notices or other verification messages to digital image signals and documents. The data is hidden in the message without the end user’s knowledge. While the addition of the hidden message to the signal does not restrict that signal’s use, it provides a mechanism to track the signal to the original owner.

References


Index Terms

Computer Science
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Keywords

Image Watermarking Wavelet Transform Liner Filtering