Abstract

Video piracy has become an important issue nowadays as digital data has improved over decades. With advancement of technology, it is important to find a way to propose ownership over digital videos. To solve this issue, one can consider use of watermark. A watermark is an image which can serve as content which can be extracted from a video to claim ownership of digital video. Video watermarking is applied in either spatial domain or transform domain till now in research methodologies. This paper proposes new method of watermarking which is based on hybrid wavelet transform. Proposed method has illustrated that use of hybrid wavelet transform for Cosine-Walsh transform generates better results as compared to Cosine transform and other hybrid wavelet transforms. System is analyzed against attacks such as cropping, salt and pepper and Gaussian attack.

References

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