Abstract

Video watermarking is the process of embedding watermark in a video. Watermark in a video is embedding by extracting a frame from it and then applying certain techniques. Earlier the conventional techniques of video watermarking like transform domain were used. All the existing transformation techniques have various disadvantage like less robust to additive noise, localization was comparatively poor, not a good quality, less security, higher computation cost, higher frequency rate etc. The need of proposing new technique for video watermarking is to improve the quality and security of watermarked video. In the proposed scheme, lab color space conversion is used. To overcome the disadvantages of the conventional techniques and the security of the system and data compression needs to be improved, PSNR and SSIM should be increased using new technique and the BER should be decreased using this techniques. This proposed technique is considered to be better and the efficient than the traditional techniques of watermarking.
An Efficient Video Watermarking using Spatial Domain and Lab Color Space


Index Terms

Computer Science Image Processing

Keywords
