

Identifying Manipulations with Dual Video Watermark

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(Pt9)Abstract—These days, non-professional users can manipulate digital videos easily with a video editing tool. Owing to this situation, many digital videos are distributed illegally in irregular form. In this paper, we propose a dual digital watermarking system which can estimate the distorted region of digital videos to resolve copyright infringement problems. The proposed system can identify geometrical and temporal distortions.

(Pt9)Keyword—Video Watermark, DCT, Forensic, Identifying Manipulation, Spread Spectrum



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