

ENTROPY AND INTERPOLATION BASED DIGITAL WATERMARKING

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ABSTRACT

The protection and integrity which are one of the most important aspects of information during transmission is discussed in this paper. The importance of transmitting digital information in digital watermarking system and the dissymmetric digital watermarking framework lived on media content communication is also being discussed in this paper. Then we apply Discrete Wavelet Transform (DWT) for watermarking embedding algorithm to keep the balance between watermarks' imperceptibility and its robustness while the data is being sent on the communication channel.

KEYWORDS: Discrete Wavelet Transform (DWT), Gray Scale, Peak Signal to Noise Ratio (PSNR)