ADDITIONAL INFORMATION HIDING USING DIGITAL WATERMARK

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ABSTRACT

Image content authentication is to verify the integrity of the images, i.e. to check if the image has undergone any tampering since it was created. Digital watermarking has become a promising technique for image content authentication because of its outstanding performance and capability of tampering detection. However, many challenges for watermarking techniques for image authentication still remain unsolved or need to be improved, such as tamper localization accuracy, image quality, security, synthetic image protection.

Keywords: Watermarked image, DWT, DCT, JDCT, IDWT, MSE, PSNR.