A CASCADE DWT–DCT BASED DIGITAL WATERMARKING SCHEME (ThuAmOR8)

Author(s) :
Serkan Emek (Yıldız Teknik Üniversitesi, Turkey)
Melih Pazarci (İstanbul Teknik Üniversitesi, Turkey)

Abstract :
Many watermark algorithms exist for the frequency domain using either the DCT or the DWT. In this paper, we propose a new watermark algorithm using the DWT prior to the DCT to provide better imperceptibility in harmony with the human visual system, and higher robustness against signal processing attacks. Experimental evaluations show that the technique performs well.