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(57) Abstract :
The present disclosure pertains to a hybrid image adaptive watermarking system and method. The system (100) includes an image sensor (102) configured to capture one or more images of interest and generate a first set of signals, an encoder (106) operatively coupled to the image sensor and configured to extract one or more segmented blocks associated with the one or more images of interest from the first set of signals, select at least one high entropy block from the one or more segmented blocks, transform one or more wavelets associated with the at least one high entropy block, and embed a set of watermarked bits into a first set of wavelets from the one or more wavelets , and where the embedded set of watermarked bits facilitate watermarking the one or more images using a modifiable Hybrid Strength Factor (HSF) , discrete wavelet transform and Fast Walsh-Hadamard Transform and decoding the embedded set of watermarked bits using a decoder (108).

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