









major contributions are the following: 1) it presents a new enhanced haar wavelet based watermarking scheme, and 2) it introduces the very secure and robust watermarking of images using binary images (watermarks). The watermark is spread over the whole image so it becomes very hard to detect watermarks bits without proper gain and pn\_sequences. Moreover, the scheme overcomes the drawbacks of the feature-based watermarking scheme. Our approach can be further improved by developing a more robust embedding method than DWT.

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