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### **Abstract**

Digital Image Security is still or recent topic of research in computer science engineering. Images are sharing very frequently from one device to another device. Due to this functionality and features it is very complicated situation for all of the application users because users share their personal images publically. A very unsolvable problem is still there is no appropriate method for image security to identify ownership with the image sharing tool over the internet. The digital image watermarking is still appreciable and demandable techniques. Though it is still in research because it has to be utilizing with all the applications those work with images. This research is done to find the best digital watermarking technique to highly secure digital image form the illegal copies. The research work also done to analyze the possibilities of dual watermarking. Various standard research articles were studied and it is found that dual watermarking is possible with some situation. This research work motivates and offers different combinations on digital watermarking techniques in near future for efficient output of watermarking.

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## Index Terms

Computer Science

Image Processing

## Keywords

Digital Image, Digital Watermarking, Discrete cosine transformation (DCT), least significant Bit (LSB), Discrete Wavelet transformation (DWT).