



ANALYZE THE DIGITAL IMAGE WATERMARKING

SCHEMES FOR DATA SECURITY

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ABSTRACT

There are so many digital services and applications are available in today's world. As the applications and services are increased day by day, the security is to be needed. In this paper, there are some watermarking techniques are described for example visible or transparent watermarking technique and invisible or non-transparent technique and also some attacks and noises that degrade the value or performance of the extracted watermark image. To implement these procedures, there are some approaches used and they are: Discrete Wavelet Transform and Principle Component Analysis.

KEYWORDS: Visible Watermark, Invisible Watermark, Principle Component Analysis