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A Competitive Analysis on Digital Image Tamper Detection and Its Secure Recovery Techniques Using Watermarking

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Abstract

Digital images play a vital role in human life. Hence, its protection from unauthorized access is a serious matter of concern. Even if the contents are modified then its detection and recovery must be defined. Nowadays, a number of methods are proposed to protect digital images based on digital watermarking. But all are not with similar capability in terms of security, authenticity, recovery. This paper represents the basics of digital watermarking techniques along with their competency and weakness for the detection of tampered images and their recovery