Abstract

The applications of digital images are increasing exponentially in the field of image processing. Many image editing tools and computer applications are available to manipulate the images. Hence image tampering has been increasingly easy to perform. It is very difficult to say whether an image is original or a manipulated version by just looking it. As a result of such modifications digital images have almost lost their reliability. Watermarking can be used to identify such modifications. Watermark can be hash values of the image, compressed content of the image etc. This paper discusses about various image tampering detection and recovery techniques.

References

2. Hongjie He, Fan Chen, Heng-Ming Tai, Ton Kalker and Jiashu Zhang, “Performance Analysis of a Block-Neighborhood- Based Self-Recovery Fragile Watermarking Scheme,” IEEE
Survey on Image Tampering Detection and Recovery Techniques

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Index Terms

Computer Science

Image Processing

Keywords

Image Tampering, Tampering Detection, Image Reconstruction, Watermarking.