Abstract

The authenticity of the watermarked images under various incidental noise is considered in this paper. The watermark is generated using from the content invariant properties of the image and securely embedded in the selected higher textured blocks of the DCT transform of the image to make them robust to jpeg compression and incidental distortions. Response of the authenticator to watermarked images subject to various incidental attacks and compression is
recognized to test the suitability of the scheme to achieve selective authentication.

References

Recognizing Image authenticity using DCT based watermarking


Index Terms

Computer Science

Image Processing

Keywords

Authentication  PQ Sequences  Feature Vector  Key Vector  Textured Regions  Content Based Watermark.