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Abstract

In digital watermarking, images which have specific pattern images. They used as digital watermarks for variety purposes in copy prevention emerging solution. Conversely, several attacks still get unsolved in a robustness of invisible watermarking techniques. An effective technique for visible watermarking can be retrieved to identify the ownership of the protected media. The purpose to show the media's ownership an open algorithm used. That is to extract the digital watermark. Here a novel method for reversible visible watermarking with a capability of lossless image recovery proposed. The technology that combines 2D Barcode with a digital watermark is a topic of great interest. It is in current research related to the security field. This paper presents a new digital watermark method for the QR Code (Quick Response

Code). In this, the method which embeds the QR code into gray-scale image to produce visible watermark. Here, it simply tries to change the pixel values to accomplish digital watermark image. In addition, a reversible steganography method is used to embed watermark information, which can be recovers the original, from embedding media.

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Computer Science

Index Terms

Security

Keywords

Barcode Quick Response (qr) Codes Reversible Data Hiding Security Watermark.