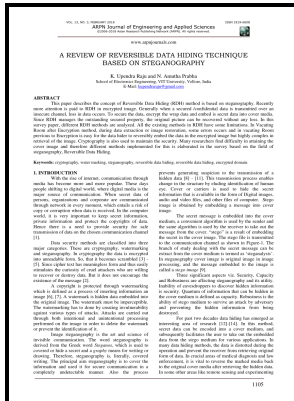


Data hiding fundamentals and applications - content security in digital media

Elsevier Academic Press - Miroslav Goljan



Description: -

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Military service, Voluntary
Data encryption (Computer science)
Multimedia systems -- Security measures
Data hiding fundamentals and applications - content security in digital media
-Data hiding fundamentals and applications - content security in digital media
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Tags: #Data #Hiding

Data Hiding

An alternate interpretation of the gain due to spreading is that the stego signal can be distorted only by the component of the noise that is in the direction of the vector u , which improves the robustness against noise. The Arts: As more and more artistic production is created or distributed through digital media, arts courses also need to reflect the impacts of digital technology, such as how platform architecture influences aesthetics and self-presentation, and the effects of networked technology on arts industries and communities.

Data Hiding Fundamentals And Applications Content Security In Digital Multimedia PDF Book

The owners of this content face enormous challenges in safeguarding their intellectual property, while still exploiting the Internet as an important resource for commerce.

Read Data Hiding Fundamentals and Applications Online by Husrev T. Sencar, Mahalingam Ramkumar, and Ali N. Akansu

This would permit the pirate to create a fake original cover image, for which there are no restrictions! Note that N is also the degree of freedom of the signature. Public key watermarking by eigenvectors of linear transforms. The main purpose of this section is to illustrate with an example the influences of the proposed protocol 8.

Data Hiding Fundamentals and Applications: Content Security in Digital Multimedia

The Internet revolution, digital representation, and transportation of data offered efficient solutions for information delivery. Both actions lead to an improvement in the detection performance. However, we shall see that similar to the case in conventional communication schemes, such methods cannot be as efficient as synchronous communications.

[PDF] Techniques for Data Hiding

For example, a method which modifies only two LSBs may be considered a form of QIM in which the step size of the quantizer used is 4. Under

this circumstance, an optimal system is the one that handles watermarking and compression jointly rather than considering them independent. The need for a class of practical methods by which the hider has better control over the operating characteristics has been immediately recognized by various researchers.

Data Hiding Fundamentals and Applications

Within this approach, the optimal implementation requires higher-dimensional quantization for embedding. The signal W 168 CHAPTER 7 Major Design Issues takes the form of the watermark signal corresponding to m with a constraint on the correlation properties. Data hiding is the art of hiding a message signal in a host signal without any perceptual distortion of the host signal.

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