Special Issue

Entropy Based Data Hiding and Its Applications

Message from the Guest Editors

Data hiding techniques have been widely used in secret sharing, tempered detection and recovery, copyright protection, data integrity, covert communication and so on. In a hiding scheme, multimedia content such as text, audio, image, video, compressed code could be used as the cover media to carry the secret message or watermark for generating the stego-media. Scholars have proposed a lot of state-of-art hiding schemes. Many of the schemes attempt to find optimal performance by applying concepts of information theory or entropy. These kinds of schemes adopt entropy theory to find proper places to modify the pixel or coefficient for concealing the secret message into the cover media. The scope of this SI is related to the improvement of data hiding algorithms through information entropy, and on the application of entropy in real-world data hiding techniques. It will bring together scholars and practitioners from different research fields including data hiding, signal processing, cryptography or information theory, among others, to contribute with original research outcomes that address issues in data hiding algorithms.

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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