Special Issue

Computational Imaging and Image Encryption with Entropy

Message from the Guest Editors

Computational optical imaging is an emerging crossover technology integrating optics, signal processing, and mathematics. It systematically describes optical imaging from a global perspective. With direct imaging methods, digital holographic imaging, and laminated imaging will be inevitable for computational imaging technology. With computational imaging technology, image security after imaging also needs to be considered. The image encryption process in the transmission process needs to meet the security requirements of the transmission process. However, entropy has been used extensively to support image security, which is of great significance to the selection of the encryption algorithm and security measurement in image security. This Special Issue calls for original research contributions in computational imaging and image security, including in the following representative topics but not limited to:

- Image encryption;
- Image watermarking;
- Integral imaging;
- Holography;
- 3D display;
- Image entropy;
- Shannon entropy;
- Entropy-based cryptographic techniques.

Guest Editors

Prof. Dr. Xiaowei Li

Prof. Dr. Jian-Zhong Li

Dr. Yu Zhao

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Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

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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

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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