Special Issue

Application of Information Theory to Computer Vision and Image Processing II

Message from the Guest Editors

This Special Issue aims to publish information theory, measurement methods, data processing, tools, and techniques for the design and instrumentation used in machine vision systems by the application of computer vision and image processing, for analyzing, processing, and understanding visual data based on principles of information content, redundancy, and statistical properties. The topics of this Special Issue include but are not limited to:

- information theory
- entropy and coding theory (data compression, watermark, minimizing data loss, visual information in a more compact form, transmission, storage)
- computer vision (identify relevant features and patterns)
- machine vision (data analysis and understanding, segmentation, registration, denoising and restoration, object recognition, classification and tracking)
- cyber-physical systems
- instrumentation
- signal and image processing
- measurements (3D spatial coordinates, redundancy, statistical properties)
- applications (navigation, surveillance, facial recognition, medicine, robotics, entertainment, and more)

Guest Editors

Dr. Wendy Flores-Fuentes

Dr. Oleg Sergiyenko

Prof. Dr. Julio Cesar Rodríguez-Quiñonez

Dr. Jesús Elías Miranda-Vega

Deadline for manuscript submissions

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

mdpi.com/journal/entropy

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About the Journal

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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