



entropy



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Entropy in Machine Learning Applications

Guest Editor:

Prof. Dr. Yanchun Liang

1. Zhuhai Sub Laboratory of Key Laboratory for Symbol Computation and Knowledge Engineering of National Education Ministry, Zhuhai College of Science and Technology, Zhuhai 519041, China
2. Key Laboratory for Symbol Computation and Knowledge Engineering of National Education Ministry, College of Computer Science and Technology, Jilin University, Changchun 130012, China

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will include but not be limited to applications using machine learning methods, including construction and application of managed pressure drilling knowledge graphs with extended cross-entropy loss, computational characterization of undifferentially expressed genes with altered transcription regulations, entropy weighted water quality prediction methods based on long-short term memory and data correlation analysis, convolutional networks with cross-entropy as the loss function based on transfer learning for rice disease detection, and semantic disambiguation of advertising vocabulary based on knowledge graphs.

Prof. Dr. Yanchun Liang

Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University
at Albany, 1400 Washington
Avenue, Albany, NY 12222, USA

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.

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Entropy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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