Maximum Entropy and Its Applications

Collection Editor:

Dr. Dawn E. Holmes
Department of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110, USA

Message from the Collection Editor

Dear Colleagues,

The field of entropy-related research has been particularly fruitful in the past few decades and continues to produce important results in a range of scientific areas, including statistical physics, quantum communications, environmental systems, and natural language processing and network analysis. Contributions to this Collection are welcome from both the theoretical and applied perspectives of entropy, including papers addressing conceptual and methodological developments, as well as new applications of entropy and information. Papers on foundational issues involving the theory of maximum entropy are also welcome.

Dr. Dawn E. Holmes
Collection Editor

Topical Collection

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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