Special Issue

Dynamics in Complex Neural Networks, 2nd Edition

Message from the Guest Editors

Complex neural network systems are essential tools investigated and applied by academic researchers and industry. Recent advances in computer sciences, robotics, and mathematics have introduced new technologies and expanded the opportunities for neural network applications. The knowledge and understanding of these technologies have led to the development of new models, novel methods, and extending the existing techniques for analysis of the neural network dynamics. Original research articles that will contribute to the development of the theory of complex neural network systems are invited. The focus will be on models as well as methods that explore aspects of dynamics in complex neural networks. Experimental and applied research results are also welcomed.

Guest Editors

Dr. Ivanka Stamova

Dr. Gani Stamov

Dr. Trayan Stamov

Dr. Cvetelina Spirova

Deadline for manuscript submissions

17 February 2026



an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/222164

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

mdpi.com/journal/ entropy





an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 5.2 Indexed in PubMed



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

