Special Issue

Dynamics in Complex Neural Networks

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. 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.

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Deadline for manuscript submissions

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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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