



entropy



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Complex Dynamic System Modelling, Identification and Control

Guest Editors:

Prof. Dr. Quanmin Zhu

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Message from the Guest Editors

This Special Issue is a forum for presenting new and improved insight, methodologies, and techniques of MIC for complex systems that are challenging for research and (potential) significant for a wide range of applications in the real-world natural and engineering domains. Fundamentally, the papers should justify why the works have not been undertaken by the other colleagues and what the bottleneck issues have been the barriers for such research progression and applications.

Deadline for manuscript
submissions:
closed (31 July 2021)

- complex human-made and natural systems
- system identification
- nonlinear adaptive control
- robotic systems
- artificial intelligence for MIC
- emerging methodologies and algorithms for MIC
- entropy-oriented MIC
- case studies
- and applications



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Special Issue



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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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