Special Issue

Fuzzy Systems and Data Mining

Message from the Guest Editor

As part of the soft computing methods applied in many data mining processes, such as data clustering, classification, forecasting analysis association rules detection, and dependency analysis, fuzzy systems play a key role. This role has recently increased, with the need in various disciplines to manage imprecise, massive, and heterogeneous data. In addition, fuzzy systems can be applied in big data mining, in which textual non-structured information, such as social data documents or image and video data must be used for retrieval purposes. The aim of this Issue is to encourage researchers and scholars to submit original contributions concerning new approaches involving fuzzy systems, for the exploration of data in complex systems, with special reference to the novel data mining methods applied to treat massive, complex, and heterogeneous information sources.

- data mining
- fuzzy systems
- fuzzy clustering
- fuzzy text mining
- neuro-fuzzy systems
- learning fuzzy rule base systems
- fuzzy forecasting methods

Guest Editor

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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