

Special Issue

Application of Artificial Neural Networks in Fault Diagnosis

Message from the Guest Editors

Artificial neural networks have revolutionized fault diagnosis by enabling accurate detection, classification, and prediction of faults across diverse domains. Their ability to process large-scale data and extract intricate patterns has proven invaluable in industries ranging from manufacturing and energy to healthcare and transportation. This Special Issue seeks to provide a platform for researchers to share advancements, methodologies, and practical implementations of ANN in fault diagnosis. Research areas may include (but are not limited to) the following:

- Integration of ANNs with other machine learning techniques;
- Integration of ANNs with other computational intelligence techniques;
- Data preprocessing and feature engineering for ANNs in fault diagnosis;
- Predictive maintenance strategies using ANNs.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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