Advances in Functional Differential Equations and Neural Network Models

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Message from the Guest Editors

Neural network models are important tools used to solve practical problems in various engineering and scientific areas. Consequently, the dynamic behavior of neural network models has been attracting the attention of many researchers.

Due to the time transmission signals between different neurons, the dynamical neural networks are better modulated through delay difference equations (for discrete cases) or delay differential equations (for continuous cases).

This Special Issue seeks to collect related theoretical and applied research on the dynamic behavior of delay difference or differential equations, especially delayed neural network models. Papers presenting and describing new questions and/or open problems in this research area are also welcome

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Special Issue

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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