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Applications of Bioinspired Neural Network

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Message from the Guest Editors

Neural networks based on computational and engineering approaches have been successfully applied to a wide variety of fields. Academia generally takes it for granted that the findings in neural networks have greatly promoted the development of artificial intelligence. Research that focuses on interdisciplinary fields includes areas like artificial intelligence, computer vision, perception, pattern recognition, brain models, and neural computing. Neural networks are models that can be merged with other ideas and concepts. In particular, improvements in bioinspired concepts are expected to improve the possibilities of neural networks. Thus, more and more attention has been paid to research progress in neural networks and their potential applications in many fields.

Topics of interest include but are not limited to the following:

- Speech recognition system using the human hearing system;
- Modeling the relationship between the human gaze and perception;
- Recognition system using the immune network system and neural networks.

Welcome to contribute!

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Message from the Editor-in-Chief

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