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Intelligent Control and Its Application in Motor Drive Systems

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Message from the Guest Editors

In recent years, controlled objects in engineering have been extended to various complex systems, so it is difficult to establish the mathematical models of such systems. Even if the approximate models can be obtained, it is still difficult to meet the needs for real-time control. As a consequence, the conventional control methods that depend heavily on precise models of plants are no longer effective or applicable in many complex systems, which speeds up the developments of intelligent control.

This Special Issue on "Intelligent Control and Its Application in Motor Drive Systems" is to provide promising investigations on various intelligent control methods, especially with applications in motor drive systems, and also to exploit potential issues and challenges in future studies of related areas. This Special Issue will cover, but is not limited to, the following topics:

- Fuzzy control
- Neural control
- Expert systems
- Genetic algorithm
- Learning control
- Nonlinear Systems and Control
- Motor control
- Robot Control
- Industrial Applications