

## Special Issue

# Application of Artificial Intelligence in Mechatronics

### Message from the Guest Editors

In recent years, artificial intelligence has promoted the rapid development of intelligence in various fields, and mechatronics is the hot index of artificial intelligence research. The research purpose is to organically combine mechanical skills, microelectronics skills, and information skills to realize the optimization of the whole system. It is a general trend to combine the development of mechatronics systems with artificial intelligence. This intelligence is mainly designed and realized through control technology, that is, it is realized by the control system in the mechatronics system. The intelligent system can imitate human behavior, learn and imitate all kinds of known information and content in its environment, and use what it has learned for analysis, decision making and control, optimizing the entire intelligent system and achieving the best effect. Therefore, the application of artificial intelligence in mechatronics should be given more attention in research.

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### Guest Editors

Dr. Jinyang Xu

Prof. Dr. Kai Guo

Prof. Dr. Zhi-Hui Zhan

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### Deadline for manuscript submissions

closed (31 October 2022)



## Applied Sciences

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### Editor-in-Chief

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