



Green Manufacturing Processes: Data Modelling and Fusion-Driven Optimization Control

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Message from the Guest Editors

Topics include, but are not limited to:

- New optimization control techniques to investigate the multi-axis machining processes of complex parts.
- Investigations of energy efficiency involving electricity, heat, gas, waste, and mass transfer in multi-axis machining systems, considering multi-source heterogeneous data.
- New model approaches to describing multi-axis machining energy efficiency, including both local phenomena (such as the energy and other information flow of each axis) and the total calculation of multi-axis integrated energy consumption.
- Application of advanced computer science techniques, such as machine learning and deep learning, to explore the energy efficiency optimization behavior of multi-axis processing.





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Message from the Editor-in-Chief

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