Multi-Modal Sensors-Based Precision Analysis and Measurement in Intelligent Manufacturing

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Message from the Guest Editors

As the result of the deep integration of advanced manufacturing and information technology, intelligent manufacturing has become the development trend in the manufacturing industry. Precision analysis and measurement are important parts of intelligent manufacturing, which play an irreplaceable role in improving the quality of high-end equipment manufacturing and a decisive role in the quality control of the whole manufacturing process. Effective precision analysis and measurement must rely on high-efficiency and high-precision sensor technology. With the transformation of the traditional manufacturing production mode, sensors are also developing in the direction of precision, integration, and intelligence. Multimodal sensors can automatically analyze and synthesize the information and data from multiple sensors or different sources under certain criteria and output the required conclusions and signals. At present, multimodal sensors technology is attracting the interest of various researchers in the field. All research articles on multimodal-sensors-based precision analysis and measurement in intelligent manufacturing will be appreciated.

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Special Issue

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Message from the Editor-in-Chief

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