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Machine Intelligent Information and Efficient System

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Message from the Guest Editors

Recent years have witnessed the booming of machine intelligent systems, from online information systems to on-device hardware systems. Advanced machine intelligent systems are able to automatically collect data, analyze their patterns, and yield correct predictions and operations. In particular, the development of AI techniques have accelerated the research into machine intelligent systems, from large-scale deep neural networks to lightweight on-device models.

While significant progress has been made in the field of machine intelligence, there are still numerous limitations and challenges to achieving the full potential of these systems. One of the main challenges is the overwhelming amount of information that needs to be processed and analyzed for intelligent decision making. This is particularly intricate for large-scale information systems, where large amounts of data can be exploited for accurate prediction and recommendation. There is also a huge requirement for efficient systems that can operate in real-time and dynamic environments and handle complex tasks at scale. It is, therefore, imperative to devise efficient and resilient algorithms and architectures.

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Message from the Editor-in-Chief

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