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# **Mathematical and Computing Sciences for Artificial Intelligence**

Guest Editor:

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# Message from the Guest Editor

Dear Colleagues,

The field of artificial intelligence relies on a deep understanding of mathematics, statistics and computer science to create algorithms that can learn from data and make intelligent decisions. However, due to the lack of data and bias in data, as well as the complexity of realworld systems, there are still many challenges in this field, including mathematical foundations and modelling in artificial intelligence, better optimization algorithms, interpretability of artificial intelligence, and building AI algorithms to solve specific application problems. Since mathematics is the foundation of artificial intelligence, and the integration of mathematical and computing sciences plays a crucial role in advancing AI research, this Special aims to explore the latest developments. methodologies, and applications that highlight the synergy between mathematics, computing, and Al. We welcome original research papers addressing various aspects of mathematical and computing sciences for artificial intelligence.

Prof. Dr. Chong-zhi Gao











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## **Editor-in-Chief**

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## Message from the Editor-in-Chief

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