Special Issue

Recent Developments in Statistical Signal Processing and Its Applications

Message from the Guest Editor

In recent years, advancements in sensor technology and manufacturing processes have led to the development of numerous low-cost, compact, low-power, and intelligent sensors. These innovations have created opportunities for capturing various types of sensor data. Additionally, improvements in information processing and computing capabilities have made it possible to perform complex statistical signal processing methods in real-time. While the proliferation of sensors and enhanced computing power offer significant advantages, they also present challenges in information processing and heighten the risk of encountering serious issues, such as malicious cyber-attacks. In complex and dynamic application environments, effectively integrating multi-source data that include complex noise characteristics and potential network threats has emerged as a major challenge. This Special Issue will investigate the latest theoretical and practical advancements, as well as significant breakthroughs in the field of statistical information processing. It aims to promote the exchange of ideas and the development of signal processing technology. We look forward to your submissions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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