

Special Issue

Novel Mathematical Methods in Signal Processing and Its Applications

Message from the Guest Editors

Signal processing and machine learning are the key enablers at the heart of the technological advancements to drive developments in mobile communications, Internet of Things, FinTech, predictive maintenance, digital health and biomedical engineering. These continually evolving fields offer huge potential for the application of mathematics and statistics to develop the next generation of algorithms to ensure they are ethical, transparent, robust and explainable. It is expected that these new algorithms will expand upon and exploit mathematical methods such as tensor analysis, stochastic calculus, information theory, complex analysis, optimization, group theory and geometric methods. This Special Issue looks for novel algorithms and mathematical methods applied to signal processing applications.

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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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