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Recent Advances and New Trends in Signal Processing

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Message from the Guest Editors

The Special Issue focuses on recent advances in signal processing. Its coverage extends from enhanced analytical models to final-stage implementations as ready-to-use customer solutions, yet it is primarily aimed at methods and algorithms in signal processing. The Special Issue is also open for new approaches and elaborated ideas establishing new trends in signal processing or supporting existing ones with contemporary theoretical justification. Applied studies proposed for mechanical, electrical, radio, electronic and biological systems are particularly welcomed as well as perspective techniques based on artificial intelligence principles, provided that the main emphasis remains on the signals. Although the majority of modern algorithms used in signal processing are expected to be digital, which means that all operations are carried out in discrete-time as time-series processing, the continuous-time description of the methods and especially the models is still meaningful since the signals remain analogue in the classical physical world.



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