Special Issue

Recent Advances in Information Geometric Signal Processing

Message from the Guest Editors

The theory of information geometry arises from the mathematical study of information science, but has received great attention from different societies. Many problems in probability theory, information theory, and statistics, in the light of information geometry, can be transformed into Riemannian- or dual-geometric problems on Riemannian manifolds. This Special Issue focuses on recent advances in information geometric signal processing, including a wide range of new geometric conceptions, new processing techniques and experimental advances. Topics of interest include but are not limited to: (1) Information geometry and radar/sonar/communications signal processing; (2) Information geometry and image processing; (3) Information geometry and biomedical engineering; (4) Manifold projection; (5) Subspace signal processing; (6) Geometric deep learning.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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