Special Issue

Model-Driven, Data-Driven and Symmetry Methods in Hyperspectral Image Processing

Message from the Guest Editors

Image and spectra are the two essential bases that people use to recognize and distinguish between objects in the real world. Images provide a basis to solve geometric problems related to geographical objects, and spectra reflect the unique physical properties of these geographical objects. Hyperspectral images (HSIs) play an increasingly important role in various fields, such as remote sensing, object detection, and medical examination. In recent years, model-driven, data-driven, and symmetry technologies have attracted much attention with regard to the field of HSI processing. This Special Issue aims to discuss new model-driven, data-driven, and symmetry methods that can solve problems related to HSI processing. By launching this Special Issue, we hope to promote the development of corresponding models and algorithms. Therefore, researchers who work in areas related to these research fields are encouraged to contribute papers for publication in this Special Issue.

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

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