Special Issue

Symmetry in Probablistic Models and Aerospace Systems

Message from the Guest Editors

Recently, probalistic models play a significant role in information sciences and aerospace operation technologies. To some extent, improving the intelligence of aerospace systems benefits from fast-developing probabilistic modeling approaches, including Bayesion estimation, statistical inference, data mining, machine learning, Gaussian process regression, random matrix, stochastic optimization, Monte Carlo simulation, etc., thus promoting technique emergence in aerospace science and engineering. This Special Issue is devoted to recent advances in probablistic models related to the analysis and use of symmetries in multidisplinary areas of aerospace systems. The Special Issue aims to provide a way for people studying in mathematics, information science, system engineering, or other related fields to disseminate their findings about symmetries. Papers on topics of interest, including but not limited to the listed keywords, are solicited.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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