Special Issue

Stochastic Models and Statistical Inference: Analysis and Applications

Message from the Guest Editors

This Special Issue aims to be a forum for the presentation of new and improved techniques in the area of Stochastic Models and Statistical Inference. In particular, the analysis and interpretation of real-world natural and engineered complex systems with the help of non-parametric statistical methods, stochastic algorithms, statistical learning of networks, Stochastic Models fall within the scope of this Special Issue as well as parameter estimation. Topics include, but are not limited to:

- stochastic model
- parameter estimation
- data analysis
- stochastic algorithms
- simulation

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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