

Special Issue

Number Theoretic Methods in Statistics: Theory and Applications

Message from the Guest Editors

Number-theoretic methods (NTM) or quasi-Monte Carlo methods have played an important role in numerical integration in high dimensions, statistical inference, and experimental design, as well as having applications in engineering, biology, economics, and data science. This Special Issue will collate recent developments in NTM and its applications, including various kinds of representative points of distribution for statistical inference and resampling, including bootstrap.

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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.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

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