Special Issue

Information-Theoretic Methods for Transportation

Message from the Guest Editors

Considering the recent advances in the field of information theory (e.g., discovery of hidden connections and prediction of future trends), this Special Issue aims to collect new ideas and improved techniques of information theory that have been successfully applied for solving transportation-related problems. In particular, this Special Issue will accept unpublished original papers and comprehensive reviews focused on (but not restricted to) the following research topics:

- Entropy-based numerical methods for transportation system performance and network analysis;
- Algorithms for the analysis of time sequences and entropy calculation applied in transportation;
- Novel entropy-based numerical methods dedicated to the qualitative analysis of dynamical traffic flow and driving profiles for various ITS applications;
- Entropy-related artificial intelligence and advanced machine learning methods applied in transportation data analysis.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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