Special Issue

Digital Natural Language Text Management in End-User Computing, and Methods for Improving Its Effectiveness

Message from the Guest Editor

In general, end-user computing has flooded the world with erroneous natural language texts, causing serious financial losses both in human and machine resources. Detecting errors is closely related to entropy in information theory, where erroneous texts are comparable to their properly edited version. The error rate is one measure which is in close connection to entropy. However, there are various concepts which are not or are hardly researched in natural language e-texts but can be expressed with entropy: the recognition and sources of errors, their frequencies, consequences (considering human and machine resources, teaching aspects, sunk cost fallacy, etc.), probability, the proportion of artificial and natural languages, the factor of surprise, how these parameters effect information flow, etc. While publications have focused on the definition of the properly edited text and error classes, further research on entropy, information surprise, and validated measuring systems to detect the error rate of e-texts is missing, and we thus invite works focusing on these topics to advance this field.

Guest Editor

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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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