Special Issue

An Entropy Approach to the Structure and Performance of Interdependent Autonomous Human Machine Teams and Systems (A-HMT-S)

Message from the Guest Editors

Questions and Some Suggestions for Topics:

   We know that a team, composed of interdependent teammates, is more productive than the same members who work independently [18]; we do not know why, but we suspect offsetting entropy production from the complementary parts of a team when a highly interdependent team has been formed into a cohesive unit.

   Interdependence is state dependency. State-dependency models have achieved great predictive success in quantum mechanics while at the same time failing to be intuitive or to being open to a philosophical understanding [8];[19]. That highly predictive, state-dependent quantum models leave meaning open to interpretation makes models of interdependence non-traditional and non-rational, requiring a trial-and-error randomness in their structure [1]; how else are they identifiable other than by a system's entropy production?

Guest Editors

Dr. William Lawless

Dr. Donald Sofge

Dr. Daniel Lofaro

Deadline for manuscript submissions

closed (25 August 2024)

Entropy

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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.
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Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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