

Special Issue

Causal Inference and Causal AI: Machine Learning Meets Information Theory

Message from the Guest Editors

For this Special Issue, we are inviting the submission of research presenting novel machine learning and information-theoretic approaches to causal learning in real-world applications, including, but not limited to: causal inference, model interpretation, graphical models, belief propagation and message-passing algorithms, Explainable AI based on the information-theoretic perspective, generative AI and causal AI, and emerging machine learning applications based on Large Language Models.

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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.

Editor-in-Chief

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