Special Issue

Advances in Information and Coding Theory

Message from the Guest Editors

Communication and compression, the two pillars of information and coding theory, have undergone a revolution in the past decade with the advent of new paradigms and challenges (e.g., the Internet of Things, molecular and biological communications, neural network compression, and perceptual compression). This Special Issue has been designed with a wide scope in mind and welcomes novel research contributions that involve information- and coding-theoretic analyses, concepts, methodologies, or applications. Areas of interest for this Special Issue include (but are not limited to) coding theory and applications, communication theory, emerging applications of information theory, coded and distributed computing, network coding and data storage, information-theoretic methods in machine learning, information theory in data science, security and privacy, network information theory, source coding, and data compression.

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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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