Special Issue

Information Theory for Channel Coding

Message from the Guest Editors

Information theory and channel coding are closely connected. While information theory is concerned (amongst others) with fundamental limits of communicating or storing information, channel coding aims at providing practical schemes that approach these limits. The vital interplay of both domains has coined today's communication and storage systems. In recent years, information theorists have tackled a multitude of new interesting problems for which novel channel coding schemes were devised. The purpose of this Special Issue is to shed light on these novel developments. Researchers are highly encouraged to submit their recent findings in the field of information and coding theory. Topics of submission include but are not limited to the following:

- Code-based cryptosystems;
- Compressed sensing and group testing;
- Distributed storage and computing;
- High-throughput communications;
- Machine learning;
- Multiuser and MIMO communications;
- Random access;
- Ultrareliable low-latency communications;
- Small data communications.

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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.

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