

## Special Issue

# Discrete Math in Coding Theory, 2nd Edition

### Message from the Guest Editor

Discrete mathematics, as opposed to continuous mathematics, broadly comprises algebra, combinatorics, geometry, and number theory. From Shannon's counting arguments and Assmus–Mattson's theorem to Goppa's estimates, it is safe to say that all these fields have contributed to coding theory. Therefore, they can all contribute to this Special Issue. More specifically, we welcome the submission of original papers in the following areas (the list is not exhaustive):

- Codes and finite geometry: Space–time codes, rank metric codes, AG codes, and Boolean functions;
- Codes and combinatorics: Designs, maximal codes, few-weight codes, and Hadamard matrices;
- Algebraic coding theory: Codes over rings and modules, and codes as ideals and modules over rings;
- Algorithms for effective construction and efficient decoding;
- Character sums: Gauss sums; exponential sums for explicit enumeration.

---

### Guest Editor

Dr. Patrick Solé

I2M, (CNRS, Aix-Marseille University, Centrale Marseille), 163 Avenue de Luminy, 13009 Marseilles, France

---

### Deadline for manuscript submissions

1 December 2026



## Entropy

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/242853](https://mdpi.com/si/242853)

*Entropy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[entropy@mdpi.com](mailto:entropy@mdpi.com)

[mdpi.com/journal/  
entropy](https://mdpi.com/journal/entropy)





# Entropy

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/journal/  
entropy](https://mdpi.com/journal/entropy)



## 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.

---

### Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University at Albany, 1400 Washington Avenue,  
Albany, NY 12222, USA

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)