Special Issue

Mathematical Coding Theory

Message from the Guest Editor

Due to the increasing digitization of our world, the question of how to store and communicate digital data in an efficient and secure manner is of utmost importance. The question of how to communicate efficiently is the research field of coding theory. Mathematics lies at the heart of this field; it is comprised of disciplines in pure and applied mathematics such as algebra, geometry, number theory, probability, statistics, discrete mathematics, combinatorics, complexity theory, and statistical physics, to name just a few areas. The multitude of methods and means to construct and analyze codes from different subfields of mathematics is necessary for answering the challenges of the transmission of information.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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