

Special Issue

Analysis of One-Dimensional Regularities

Message from the Guest Editor

The analysis of one-dimensional regularities lies at the intersection of discrete mathematics, algorithms and data structures. This field is still gaining momentum due to the rapid and ever-accelerating pace at which data are collected, supported by modern storage architectures and network infrastructures.

Advancements in this field, involving combinatorial aspects as well as the mathematical analysis of algorithmic complexities, help us address the vital question of how to process large datasets efficiently. We cordially invite you to submit your research results to this Special Issue. The key areas of interest include, but are not limited to, - Working with general text data; - String algorithms (such as string processing or pattern matching in strings); - Searching and indexing strings; - Lossless compression of strings (algorithms and compression schemes); - Succinct or compressed data structures for strings. Both theoretical and experimental contributions are welcome.

Guest Editor

Dr. Dominik Köppl

M&D Data Science Center, Institute of Science Tokyo, Tokyo 113-8510, Japan

Deadline for manuscript submissions

closed (20 November 2022)



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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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