



Special Issue on Applied Discrete Mathematics

Call for Papers

Applied Discrete Mathematics examines the practical use of discrete mathematical structures and methods to solve problems in science, engineering, and information technology. It deals with mathematical concepts that involve distinct and countable elements, such as graphs, networks, sets, sequences, and combinatorial structures. The field develops analytical and computational techniques to address issues in areas including computer science, operations research, cryptography, communication networks, and algorithm design. By combining theoretical foundations with real-world applications, applied discrete mathematics provides essential tools for modeling complex systems, optimizing processes, and supporting data-driven decision-making in modern technological environments.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Applied Discrete Mathematics**. Potential topics include, but are not limited to:

- Algorithm design
- Boolean algebra
- Coding theory
- Combinatorial optimization
- Combinatorics
- Computational complexity
- Cryptography
- Discrete algorithms
- Discrete probability
- Discrete structures
- Game theory
- Graph theory
- Integer programming
- Network optimization
- Network theory
- Scheduling theory

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Applied Discrete Mathematics**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	June 30th, 2026
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Guest Editor:

Prof. Alexander Shelupanov

Department of Integrated Information Security of Computer Systems

University of Control Systems and Radioelectronics, Russia

For further questions or inquiries, please contact Editorial Assistant at ojdm@scirp.org.