

Call for Papers
Special Section on Discrete Mathematics and Its Applications
submitted by September 15th, 2022, published in September 2023

The IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming Special Section on Discrete Mathematics and Its Applications to be published in September 2023. The objective of the special section is to review and promote recent progress in the field of discrete mathematics and its applications. Topics of interest include, but are not limited to:

- algorithms, data structures, and computational complexity
- graphs, networks, and matroids
- combinatorial optimization - parallel and distributed algorithms
- discrete geometry, computational geometry, and computational algebra
- coding theory and mathematical foundations of cryptography
- probabilistic and number theoretic algorithms
- linear programming and mathematical programming
- computational biology and bioinformatics
- Petri nets and concurrent systems - applications of discrete mathematics
- algorithm engineering - quantum computation, quantum algorithm, and quantum cryptography

Submission Guidelines: Authors are requested to submit papers and electronic source files through the IEICE online submission website (https://review.ieice.org/regist/regist_baseinfo_e.aspx) by September 29th, 2022, 23:59(JST). Choose the “[Special-DM] Discrete Mathematics and Its Applications” as a “Journal/Section” on the online submission page. Do not choose “[Regular-EA] Fundamentals” or other special sections.

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Authors must agree to the "Copyright Transfer, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy" via electronic submission.

Manuscripts should be prepared according to the style guidelines for the IEICE Transactions (See https://www.ieice.org/eng/shiori/mokuji_ess.html). For the initial submission of a PAPER, the recommended number of pages excluding References is at most 8. For the case of a LETTER, the number of pages excluding References is at most 4. The term for revision after the review process might be shortened, although it is usually 60 days long.

If all authors are non-members, the article processing charge for non-members will be applied. We recommend that authors unaffiliated with IEICE apply for membership. For detailed information on the IEICE Membership Application, refer to https://www.ieice.org/eng_r/join/individual_member.html. Upon acceptance for publication, all authors should pay the page charges covering partial cost of publication. If payment is not completed by the due date (March 15th, 2023), the acceptance will be canceled.

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