

Call for Papers
Special Section on Discrete Mathematics and Its Applications

submitted by September 18th, 2026, published in September 2027

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 2027. 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
- mathematical optimization
- discrete geometry and computational geometry
- parallel and distributed algorithms
- computational algebra
- number theoretic algorithms
- coding theory
- mathematical foundations of cryptography and private computation
- computational biology and bioinformatics
- quantum computation, quantum algorithm, and quantum cryptography
- theoretical aspects of machine learning
- Petri nets and concurrent systems
- applied discrete mathematics
- algorithm engineering

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 18th, 2026, 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.

Authors must agree to the "Copyright Transfer and Page Charge Agreement" 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. Submissions that significantly exceed the recommended number of pages may be immediately rejected. 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 article processing charges covering partial cost of publication. If payment is not completed by the due date, the acceptance will be canceled.

Open Access Publishing: All papers published in the IEICE Fundamentals of Electronics, Communications and Computer Sciences since Oct. 2022 have been opened to all readers in the world through J-STAGE. (<https://www.istage.jst.go.jp/browse/transfun>). IEICE will begin a multilingual (16 languages) translation trial of IEICE Transactions Online in April 2024. Please visit https://www.ieice.org/eng/s_issue/cfp/triale.pdf for details.

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