Call for Papers
Special Section on Discrete Mathematics and Its Applications
submitted by October 21st, 2019, published in October 2020

The IEEE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming Special Section on Discrete Mathematics and Its Applications to be published in October 2020. 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 IEEE online submission web site (https://review.ieice.org/regist/regist_baseinfo_e.aspx) by October 21st, 2019, 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 and Page Charge Agreement" via electronic submission. Manuscripts should be prepared according to the style guidelines for the IEEE Transactions (See https://www.ieee.org/eng/shiori/mokuji_ess.html). In this special section, the preferred length of the manuscript is no longer than eight pages for a PAPER and two pages for a LETTER. The term for revision after the review process might be shortened, although it is usually 60 days' long. At least one of the authors must be an IEEE member when the manuscript is submitted for review. Upon accepted for publication, all authors should pay the page charges covering partial cost of publication. If payment is not completed by the due date, 15 July, 2020, your manuscript will be handled as rejection.

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