

INSTRUCTIONS FOR AUTHORS (January 2019)

Scope of the Journal

The Turkish Journal of Mathematics is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK) and accepts English-language original research manuscripts in the field of mathematics. Contribution is open to researchers of all nationalities.

Publication Policy

Open Access and Free Submission Statement

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Submission and Evaluation Process

1. Submission
2. First Control
 - a. Scope check
 - b. Preliminary language check and technical control
3. Scientific Evaluation
 - a. Editor-in-chief
 - b. Editor
 - c. Referee
4. Publication
 - a. Technical control
 - b. After acceptance language correction
 - c. Galley proof
 - d. Publication

Submission

All manuscripts must be submitted electronically via the Internet through the online system for TÜBİTAK journals at <http://online.journals.tubitak.gov.tr>. After selecting the journal, you will be guided stepwise through the creation and uploading of the various files.

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Evaluation

Technical Control

During the first check, journal administrators may return the articles for the following reasons:

- The manuscript is not prepared in the format provided on the journal's website,
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Similarity index (iThenticate result) is higher than the permitted threshold. There is no single number for the similarity percentage since each report is investigated in detail, but submissions exceeding 25% score are generally returned to authors. The resubmission of the same title without reducing the similarity score may cause a ban of the authors from the journal. Similarity reports with more than 50% scores, even in a single submission, may cause a ban from the journal and the authors' future submissions may not be considered for publication.

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Preparation of Manuscript

Manuscripts that are not prepared using the template will not be considered for publication. Manuscripts must be prepared and submitted in LaTeX format. The citations should be given via "cite" command during the preparation of LaTeX file, not given in square brackets manually.

Manuscript Types

Original research articles, review articles, research notes/short communications, and letters to the editor are welcome.

The editor-in-chief can change the manuscript type after manuscript submission.

• Research Articles

A research article reports the results of original research and assesses its contribution to the body of knowledge in a given area with the relevant data and findings in an orderly, logical manner.

• Review Articles

A review article is written to summarize the recent developments, improvements, discoveries, and ideas in various subjects. Review articles should present an unbiased summary of the current understanding of the topic.

Review articles should cover subjects that fall within the scope of the journal and are of active, current interest. Review articles should be no longer than 50 pages, should have an abstract of 300 words at most, should contain a limit of 120 references, and should have no more than 12 figures and tables combined. Principal sections should be numbered consecutively (1. Introduction, 2. Historical background, etc.), and subsections should be numbered 1.1., 1.2., etc. All reviews should contain an introduction section and a conclusion section, with relevant section headings in between. The introduction should explain the importance of the subject, the text should be comprehensive and detailed, and the references should be exhaustive. Review articles should be written with the support of original published studies of the author(s).

- **Short Communications**

Research notes/short communications are short papers that present original and significant material for rapid dissemination. A research note/short communication may focus on a particular aspect of a problem or a new finding that is expected to have a significant contribution to science.

Research notes/short communications should be a concise but complete description of a limited investigation that will not be included in a later paper. These should be as completely documented, both by reference to the literature and by description of the experimental procedures employed, as a regular paper. Research notes/short communications should be no longer than 15 pages, should have an abstract of 300 words at most, and are limited to 30 references and to 5 figures and tables combined. Research notes/short communications should include all relevant study background and contain all of the sections described below, but without section titles or numbers.

- **Letters to the Editor**

Letters to the editor reflect the opinions of other researchers on articles in previously published issues of the same journal.

Typically, letters address the contents of an original journal article for one or more of the following reasons: to identify errors and make a correction, provide an alternate theory, provide additional information, offer additional evidence, or provide a counterpoint.

The letter should be brief and concise. Letters to the editor should not exceed 800 words and 10 references. Letters are always written to the editor; they are never addressed to the authors of the article in question. While writing a letter, one should avoid assuming a personal and biased attitude or the use of aggressive language. All suggestions should be supported by scientific data. General comments not reinforced by logical arguments are not acceptable (e.g., “I think that this is a very important article” or “I think that this article is worthless”).

Reference formatting should be used in letters; however, all of the references used should be published works. Materials that were not published or reported elsewhere should not be used. Otherwise, the letter will not be accepted. The writer should not repeat the original article at length in his/her letter.

A copyright form must also be submitted in order for the letter to be published.

Only letters submitted within 4 months of the original publication date will be considered. The reason for this is that corrections to the record should be done in a timely manner. If there will be a reply to the letter, the next step is to designate which issue of the journal it will be published in. Thus, letters are not necessarily published in the very next issue since it may take some time for the original author to reply.

The letter authors' names and affiliations should be written clearly at the top of the letter, and the title of the article about which the letter is written should be clearly stated in the introduction of the letter.

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All research articles should be divided into clearly defined and numbered sections as appropriate. Principal sections should be numbered consecutively (1. Introduction, 2. Materials and methods, etc.) and subsections should be numbered 1.1., 1.2., etc. Do not number the Acknowledgements or References sections.

- **Title and contact information**

The first page should contain the full title in sentence case (e.g., Polynomial root separation in terms of the Remak height), the full names (last names fully capitalized) and affiliations of all authors in English (Department, Faculty, University, City, Country), the ORCID iDs of all authors, and the contact e-mail address for the clearly identified corresponding author. Only one corresponding author is permitted per manuscript.

- **Abstract**

The abstract should provide clear information about the research and the results obtained and should not exceed 300 words. It should not contain citations. Abstracts of review articles should be a brief overview of the main points from the review.

- **Key words**

Please provide a minimum of 3 and maximum of 6 key words or phrases to enable retrieval and indexing. Only the first letter of the first key word should begin with a capital letter; the other key words should be written in lower case. Please do not put a period at the end of the list of key words. Acronyms should be avoided. Key words should not be a virtual copy of the title. Each manuscript should also be accompanied by classification numbers from the American Mathematical Society's classification scheme.

- **Acknowledgments/disclaimers/conflict of interest, if any**

Please include any necessary acknowledgments or disclaimers here. Names of funding organizations should be written in full.

All authors should also disclose any conflict of interest that may have influenced either the conduct or the presentation of the research.

- **Informed Consent**

Manuscripts reporting the results of experimental investigations conducted with humans must clearly state that the study protocol received institutional review board approval and that all participants provided informed consent in the format required by the relevant authorities and/or boards. Please reference the relevant review board(s) and approval code(s) here.

Style and Format

Manuscripts that are not prepared using the template will not be considered for publication. Manuscripts must be prepared and submitted in LaTeX format.

Formulae should be numbered consecutively in parentheses.

In general, the journal follows the conventions of Scientific Style and Format, The CSE Manual for Authors, Editors, and Publishers, Council of Science Editors, Reston, VA, USA (7th ed.).

The manuscripts (except Letters to the Editor) should be divided into logically ordered and numbered sections. Principal sections should be numbered consecutively with Arabic numerals (1. Introduction, 2. Materials and methods, etc.) and subsections should be numbered 1.1., 1.2., etc. Do not number the Acknowledgments and References sections.

Manuscripts should be double-spaced with 3-cm margins on all sides of the page, in Times New Roman font size 12. Every page of the manuscript, including the title page, references, tables, etc., should be numbered. All copies of the manuscript should also have line numbers starting with 1 on each consecutive page. Manuscripts must be written in English. Contributors who are not native English speakers are strongly advised to ensure that a colleague fluent in the English language or a professional language editor has reviewed their manuscript. Concise English without jargon should be used. Repetitive use of long sentences and passive voice should be avoided. It is strongly recommended that the text be run through computer spelling and grammar programs. Either British or American spelling is acceptable but must be consistent throughout.

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Tables and Figures

All illustrations (photographs, drawings, graphs, etc.), not including tables, must be labeled "Figure." Figures must be submitted both in the manuscript and as separate files.

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ANSYS (2018). Structural Analysis Software [online]. Website <https://www.ansys.com/products/structures> [accessed 00 Month Year].

MathWorks Inc. (2018). MATLAB [online]. Website <https://www.mathworks.com/products/matlab.html> [accessed 00 Month Year].

References within the Text and Reference List

References must be numbered in square brackets within the article and listed in alphabetical order at the end of the article.

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The reference list must not contain more than 10, 20, 30, 120, and 60 references for letters to the editor, case reports, short communications, review articles, and research articles, respectively.

References should be formatted as follows (please note the punctuation and capitalization):

Journal articles: Journal titles should not be abbreviated; the whole name of the journal should be given. Include the doi number if one exists.

Lee SD, Kim BH, Choi JH. Warped product spaces with Ricci conditions. *Turkish Journal of Mathematics* 2017; 41 (6): 1365-1375. doi: 10.3906/mat-1606-49

More than 5 authors

Skriver H, Mattia F, Satalino G, Balenzano A, Pauwels VRN et al. Crop classification using short-revisit multitemporal SAR data. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 2011; 4 (2): 423-431. doi: 10.1109/JSTARS.2011.2106198

Article not in English

In the case of publications in languages other than English, the published English title should be provided if one exists, with an annotation such as "(in Turkish)". If the publication was not published with an English title, provide the original title only; do not provide a self-translation.

Altıntaş A. Tristör ve triyak harmoniklerinin 3 boyutlu gösterimi ve toplam harmonik bozunuma eğri uydurma. *Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi* 2004; 10 (3): 415-421 (in Turkish).

Koçyiğit Y, Dilmaç S. Cardiac arrhythmia diagnosis using firefly algorithm. *KSÜ Mühendislik Bilimleri Dergisi* 2018; 21 (3): 226-234 (in Turkish with an abstract in English). doi: 10.17780/ksujes.435734

Books and reports

Kelly S, Tolvanen JP. Domain-Specific Modeling: Enabling Full Code Generation. Hoboken, NJ, USA: Wiley-IEEE Computer Society Press, 2008.

Lui SH. Numerical Analysis of Partial Differential Equations. Hoboken, NJ, USA: Wiley, 2011.

Chapters in books

Nathanson MB. One, two, many: individuality and collectivity in mathematics. In: Pitici M (editor). The Best Writing on Mathematics 2011. Princeton, NJ, USA: Princeton University Press, 2012, pp. 43-51.

Conference proceedings

Luszczek P, Dongarra J. Design of interactive environment for numerically intensive parallel linear algebra calculations. In: Computational Science – 4th International Conference Proceedings; Krakow, Poland; 2004. pp. 270-277.

Theses

Bozkaya C. Boundary element method solution of initial and boundary value problems in fluid dynamics and magnetohydrodynamics. PhD, Middle East Technical University, Ankara, Turkey, 2008.

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