

Aims, Objectives and Scope

The VFAST Transactions on Mathematics is a peer-reviewed scientific journal published by the VFAST-Research Platform. It was established in 2013 and covers the areas of Pure and Applied Mathematics and its applications. The aim of this journal is to provide an international platform to Mathematicians all over the world to promote, share, and discuss various new issues and development in the field of Mathematics and its application.

Further aim to make quality publication, for the purpose the research papers are passed through the rigorous peer-review process to ensure originality, relevance, and readability. The journal also seeks clearly written survey and review articles from experts in the field, to promote insightful understanding of the state-of-the-art and technology trends. The Objectives of the Journal are to continue to pursue a high level of research publications and assume leadership in research journals of the field with excellence.

Scope:

The journal publishes original papers including but not limited to the following fields:

Numerical analysis

Ordinary differential equations

Partial differential equations

Dynamic systems

Control and Optimization

Functional analysis and operator theory

Analytical number theory

Complex analysis

Combinatorial

Mathematical Physics

Probability

Combinatorial

Mathematical Biology

Peer Review Process

The journals use the double-blind review policy, which means that the reviewer and author both don't know the name of each other.

Steps in the Peer-Review Process

The peer-review process of VTM described in the following table:

No.	Step	Estimated maximum Time
1	Internal Review by the Editor	7 days
2	Review Process after the successful initial step	30-40 days
3	Communication of review reports to authors for minor/major revision	7 days
4	Submission of the revised paper	15 days
5	Submission of Compliance reports to the reviewers	7 days
6	Acceptance of paper (on successful submission of revised paper)	7 days
	Total days from submission to Acceptance	83 days

- Paper is returned to authors if it does not meet the initial screening in the first step.
- Paper is rejected/Accepted with minor changes/ Accepted with Major Changes in step 2
- Final Acceptance within 3 months after step#1.

Publication Frequency

1. Until 2021, the journal published one issue per year (January-December)
2. From 2022, the journal will publish two issues annually (January-June) and (July-December)

Open Access Policy

The journal allows readers to freely read, download, copy, distribute, print, search, or link to the full texts of its articles and to use them for any other lawful purpose. This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Archiving

This journal utilizes the LOCKSS system to create a distributed archiving system among participating libraries and permits those libraries to create permanent archives of the journal for purposes of preservation and restoration. More...

Publication Ethics

VFAST transactions on Mathematics (VTM) is a peer-reviewed journal dedicated to the advancement of mathematics and its applications with excellence. The Journal doesn't compromise on quality and originality of research and followed the standard rules of publication ethics. In the journal all submitted manuscripts passes through plagiarism test as an initial screening. Further, it goes through Single-Blind peer review process. The final editorial decision of Acceptance/ Acceptance with minor revision/ Acceptance with major revision or Rejection depends on the reviewers recommendations.

To ensure the integrity of scholarly publishing: publisher, editors, reviewers and authors are required to follow the following ethical standards.

Duties of Publisher:

As per the standards defined by Committee on Publication Ethics (COPE) the publisher of VTM is responsible for:

1. To define the relationship between publisher, editor and other parties in a contract
2. To respect privacy (for example, for research participants, for authors, for peer reviewers)
3. To protect intellectual property and copyright
4. To maintain the confidentiality of the submitted research work
5. To maintain Authorship – Transparency and integrity (for example, conflicts of interest, research funding, reporting standards – Peer review – Appeals and complaints)
6. To review journal policies periodically based on international standards of publication ethics
7. To implement code of conduct for editors, reviewers and authors
8. To maintain the integrity of the record
9. To investigate suspected research and publication misconduct
10. To Publish corrections, clarifications, and retractions
11. Publish content on a timely basis

Duties of Editors:

Editor is responsible for:

1. To check the submitted manuscript with the scope of the Journal
2. To check the similarity (if the overall similarity is more than 19% or one source similarity is more than 5% then straight away rejected)
3. To evaluate manuscript only for their intellectual contents without regard to the nature of author, institution or other influential reasons
4. To maintain the information of submitted manuscript confidential to anyone other than reviewers, section editors and publisher
5. Not to use the disclosed unpublished material and idea of the submitted manuscript for his/her own research

Duties of Reviewers

Reviewers are responsible for:

1. To review that manuscript for which they feel qualified
2. To evaluate a manuscript in the assigned and agreed bracket time
3. To maintain the information of submitted manuscript confidential
4. To conduct review objectively and should not use personal criticism of the author
5. To identify the relevant published work which is not cited

6. To take notice and inform the editor if they get any type of substantial similarity in idea or in text
7. To keep confidential the ideas obtained through peer review and must not use for personal advantage
8. To not take the manuscript for evaluation, in case, of any conflicts of interest based on any connection with authors or institutions related to the submitted research

Duties of Authors

1. Authors should submit original research with objective discussion of its significance. A manuscript should contain existing ideas with references and contribution with logical evidences
2. Authors are bound to make available the raw data if they asked to provide in connection with a paper for editorial review
3. Authors must adhere the publication requirement of VTM during submissions like copyright license agreement and copyright transfer as mentioned in “authorGuidelines”
4. Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study
5. It is to make sure that all authors have seen the final approved version and they have no conflict in submission
6. It is to make sure that all authors should disclose that they have no conflict of interest in this submission and possible publication

Publication Fee

Declaration on Funding:

The VFAST Transactions on Mathematics is of the VFAST Research Platform, which is self-sponsored.

Publication Fee:

The Publication fee is 15000/- only.

Online Submissions

Author Guidelines

- Manuscripts (VTM template) should be typewritten in English on one side only with wide margins using single spacing throughout on pages of size: letter (8.5*11) double-column of column width 3.38 and spacing 0.25 with further requirements as described given below:
- The front page should contain the article title font size 16, Times New Roman, author's names are of size 10, and affiliation of font size 8, Times New Roman, abstract size 8, Times New Roman and italic; and keywords size 8, Times New Roman. The abstract should have 150-250 words and should be intelligible to general readers without recourse to the main text. A list of notations should be avoided, but new notations and departures from standard use should be explained in the text.
- Articles should, in general, begin with an introduction that adequately covers the literature and scope of the paper. Each section in the paper should be numbered. Each article should have, in general, a conclusion or discussion section. Any appendices should follow the Reference section.
- Proper figure preparation is essential for optimum reproduction of line drawings and photographs. Figures and Tables should be placed as part of the text and should be numbered. Reprints, if needed, should be ordered as soon as the article is accepted for publication.
- References should be listed at the end of the main text in IEEE style. All in-text citations (references) should be listed in order, that is, [1], [3,4], [6-9], etc.

References :

- [1]. G. Eason, B. Noble, and I. N. Sneddon, "On certain integrals of Lipschitz-Hankel type involving products of Bessel functions," *Phil. Trans. Roy. Soc. London*, vol. A247, pp. 529–551, April 1955.
- [2]. J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68–73.

Submission Preparation Checklist

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

1. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
2. The submission file is in OpenOffice, Microsoft Word, RTF, or WordPerfect document file format.
3. **After the acceptance, authors will require to make the manuscript as per the format: VTM Word template, Latex Template .**
4. For sequence similarity the Turnitin software shall be used, the required threshold is less than 20% and the individual similarity rate should be less than 5%.

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Privacy Statement

Introduction

Your privacy is important to the VFAST Research Platform. This privacy statement provides information about the personal information that the system collects and the ways in which the journals uses that personal information.

Personal information collection

VFAST Research Platform may collect and use personal information that is necessary for the processing and publication of manuscripts submitted to us. This information may include names, affiliation and contact details; including emails, phone numbers and fax numbers.

Using personal information

Any personal information received by VFAST Research Platform will only be used to: process and publish your manuscript.

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- personalize the website for you;
- enable your access to and use of the website services;
- process your manuscript;
- publish your manuscript;
- send to you communication about your manuscript
- send to you statements and invoices;
- collect payments from you; and

- send you marketing communications.

Where VFAST Research Platform discloses your personal information to its agents or sub-contractors for these purposes, the agent or sub-contractor in question will be obligated to use that personal information in accordance with the terms of this privacy statement.

In addition to the disclosures reasonably necessary for the purposes identified elsewhere above, VFAST Research Platform may disclose your personal information to the extent that it is required to do so by law, in connection with any legal proceedings or prospective legal proceedings, and in order to establish, exercise or defend its legal rights.

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VFAST Research Platform will take reasonable technical and organizational precautions to prevent the loss, misuse or alteration of your personal information.

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Information that the VFAST Research Platform collects may be stored and processed in and transferred between any of the countries in which the VFAST Research Platform operates to enable the use of the information in accordance with this privacy policy.

In addition, personal information that you submit for publication on the website will be published on the internet and may be available around the world.

You agree to such cross-border transfers of personal information.

Updating this statement

VFAST Research Platform may update this privacy policy by posting a new version on this website.

You should check this page occasionally to ensure you are familiar with any changes.