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Editorial Policies

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Focus and Scope

Journal on Mathematics Education (JME), an electronic international journal, provides a forum for publishing the original research articles, review articles from invited experts, and the novel technology news related to mathematics education. This journal is designed and devoted not only to Indonesian Mathematics Society (IndoMS) members but also to lecturers, researchers, mathematics school teachers, teacher educators, university students (Master and Doctoral) who want to publish their research reports or their literature review articles (only for invited contributors), and short communication about mathematics education and its instructional. Besides regular writers, for each volume, the contents will be contributed by invited contributors who experts in mathematics education either from Indonesia or abroad.

The Journal invites **original research articles** and **not simultaneously submitted to another journal or conference**. The whole spectrum of research in mathematics education are welcome, which includes, but is not limited to the following topics:

• Realistic Mathematics Education (RME)

Realistic Mathematics Education (RME) is a teaching and learning theory in mathematics education that was first introduced and developed by Freudenthal. Two of his important points of view are mathematics must be connected to reality and mathematics as a human activity. RME is implemented following three principles, they are: (1) guided reinvention and progressive mathematizing, (2) didactical phenomenology, and (3) self-developed model. Furthermore, the practice of RME also has its own characteristics, they are: (1) phenomenological exploration or the use of contexts, (2) the use of models or bridging by vertical instruments, (3) the use of students own productions and constructions or students contribution, (4) the interactive character of the teaching process or interactivity, and (5) the intertwining of various learning strands. A paper is eligible to be included in this topic if the paper accommodates these three principles and these five characteristics. The researches (ideas of research) on related topics can be traced to the works of Hans Freudenthal, Marja van den Heuvel-Panhuizen, K.P.E. Gravemeijer, and published books in Springer or other publishers.

• Design/Development Research in Mathematics Education

Educational design research is perceived as the systematic study of designing, developing and evaluating educational interventions (programs, teaching-learning strategies, and materials, products, systems) as solutions to such problems. It also aims at advancing our knowledge about the characteristics of these interventions and the processes to design and develop them. Authors could submit their work, either a validation study or a development study in mathematics education, with a comprehensive description and analysis of every stage. The ideas of this research on related topics can be traced to the works of Jan Van den Akker, Koeno Gravemeijer, Susan McKenney, Nienke Nieveen, Tjeerd Plomp, Arthur Bakker, and published books in Taylor & Francis or other publishers.

• PISA Task

The Programme for International Student Assessment (PISA) is a worldwide study by the Organisation for Economic Co-operation and Development (OECD) in member and non-member nations intended to evaluate educational systems by measuring 15-yearold school students' scholastic performance on mathematics, science, and reading. PISA tasks here refers to the mathematics tasks developed to measure mathematical literacy. It is an individual's capacity to identify and understand the role that mathematics plays in the world, to make well-founded judgments and to use and engage with mathematics in ways that meet the needs of that individual's life as a constructive, concerned and reflective citizens. A paper is eligible for inclusion in the PISA task if it provides a comprehensive analysis of the development or the use effect of the task considering the appropriate content, context, and process.

Mathematics Ability

Mathematics ability refers to the ability (a human construct) to obtain, to process, and to retain mathematical information (cognitive) and to solve mathematics problems (pragmatic). To maintain the focus of this journal, the scope of mathematics ability includes the following abilities: reasoning, connection, communication, representation, and problem-solving. A paper is eligible for this topic if it comprehensively discusses those abilities. The researches (ideas of research) on related topics can be traced to the works of Markku S. Hannula, CERME Proceedings, ICME Proceedings and published books in Springer or other publishers.

• ICT in Mathematics Education

The advance of information and communication technology (ICT) has been the concern of all human life, including in education. When all students use technology, education must be the first one to utilize it for the sake of effectiveness and attractiveness. The

https://ejournal.unsri.ac.id/index.php/jme/about/editorialPolicies#peerReviewProcess





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AUTHOR INFORMATION

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Editorial Policies

researches (ideas of research) on related topics could be traced to the works of Paul Drijvers, Willem J. Pelgrum, Tjeerd Plomp, Jean-Baptiste Lagrange, Michèle Artigue, Colette Laborde, Luc Trouche, and published books in Springer or other publishers.

Ethnomathematics

Ethnomathematics is the study of the relationship between mathematics and culture. In a deeper understanding, ethnomathematics refers to mathematics which is practiced by members of a cultural group who share similar experiences and practices with the mathematics that can be in a unique form. Culture gives diverse and interesting contexts in mathematics learning to be discussed. Therefore, the scope of ethnomathematics is an important part of the focus and scope of the journal. The ideas of this research on related topics can be traced to the works of Marcia Ascher, Ubiratan d'Ambrosio, Robert Ascher, Marcelo C. Borba, and published books in Springer, Taylor & Francis, or other publishers

Section Policies

Articles ☑ Open Submissions	🗹 Indexed	☑ Peer Reviewed
Short Communicatio	DN	☑ Peer Reviewed

Peer Review Process

Journal on Mathematics Education is an international electronic journal published by Sriwijaya University in collaboration with the Indonesian Mathematics Society (IndoMS). The manuscript will be sent to at least two anonymous referees for contribution, originality, relevance, and presentation (double-blind review). Reviewers' comments are then sent to the corresponding author for necessary actions and responses. The Editor shall inform you of the results of the review as soon as possible, hopefully in 30 to 60 days. The submitted manuscript is first reviewed by an editor. It will be evaluated in the office, whether it is suitable for the Journal on Mathematics Education focus and scope or has a major methodological flaw and similarity score.

The editor will run a plagiarism check using ithenticate.com (Web Checker) for the submitted articles before sending it to the reviewers. We do not process any plagiarised contents. If an article has over 20% of plagiarism based on the result of the check, we will send back the article to the author to be revised for the plagiarised contents. The journal is carried out by using Mendeley as a Tool Reference Manager. The language used in this journal is **English**.

The **accepted research articles** will be available online (free download) following the journal **peer-reviewing process**. The final decision of articles acceptance will be made by Editors according to Reviewers' comments. The articles sent back to the authors for revision should be returned to the editor without delay. The revised article returned **later than 20 days** will be considered as new submissions. The revised article can be sent to the editorial through the Online Submission Interface.

All articles published Open Access will be immediately and **permanently free** for everyone to read and download. We are continuously working with our author communities to select the best choice of license options, currently being defined for this journal as Creative Commons Attribution (CC-BY).

Publication Frequency

The Journal on Mathematics Education (JME) is published three times a year (January, May, September)

Open Access Policy

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. All articles published Open Access will be immediately and permanently free for everyone to read and download. We are continuously working with our author communities to select the best choice of license options, Creative Commons Attribution (CC BY).

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 and Publication Malpractice Statement

This statement clarifies ethical behavior of all parties involved in the act of publishing an article in our journals, including the authors, the editors, the peer-reviewers and the publisher, namely **Universitas Sriwijaya** and **Indonesian Mathematical Society**.

Section A: Publication and authorship

- 1. All submitted papers are subject to strict peer-review process by at least two International Reviewers that are experts in the area of the particular paper.
- 2. Review processes are blind peer review.
- 3. The factors taken into account in the review are relevance, soundness, significance, originality, readability, and language.
- 4. The possible decisions include acceptance, acceptance with revisions, or rejection.
- 5. If authors are encouraged to revise and resubmit a submission, there is no guarantee that the revised submission will be accepted.
- 6. Rejected articles will not be re-reviewed.
- 7. The paper acceptance is constrained by such legal requirements as shall then be in force regarding libel, copyright infringement, and plagiarism.

Asian Games curriculum Design Research Design research Ethnomathematics Geometry Malaysia Mathematics Learning Mathematics Literacy Metacognition Microworlds PISA PMRI Realistic Mathematics Education Subtraction Yogyakarta culture design research geometry learning trajectory mathematics education multiplication

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8. No research can be included in more than one publication.

- 2. Authors must certify that the manuscript has not previously been published elsewhere.
- 3. Authors must certify that the manuscript is not currently being considered for publication elsewhere.
- 4. Authors must participate in the peer review process.
- 5. Authors are obliged to provide retractions or corrections of mistakes.
- 6. All Authors mentioned in the paper must have significantly contributed to the research.
- 7. Authors must state that all data in the paper are real and authentic.
- 8. Authors must notify the Editors of any conflicts of interest.
- Authors must identify all sources used in the creation of their manuscript.
 Authors must report any errors they discover in their published paper to the Editors.

Section C: Reviewers' responsibilities

- 1. Reviewers should keep all information regarding papers confidential and treat them as privileged information.
- 2. Reviews should be conducted objectively, with no personal criticism of the author
- 3. Reviewers should express their views clearly with supporting arguments
- 4. Reviewers should identify relevant published work that has not been cited by the authors.
- Reviewers should also call to the Editor in Chief's attention any substantial similarity or overlap between the manuscript under consideration and any other published paper of which they have personal knowledge.
- 6. Reviewers should not review manuscripts in which they have conflicts of interest resulting from competitive, collaborative, or other relationships or connections with any of the authors, companies, or institutions connected to the papers.

Section D: Editors' responsibilities

- 1. Editors have complete responsibility and authority to reject/accept an article.
- 2. Editors are responsible for the contents and overall quality of the publication.
- 3. Editors should always consider the needs of the authors and the readers when attempting to improve the publication.
- 4. Editors should guarantee the quality of the papers and the integrity of the academic record.
- 5. Editors should publish errata pages or make corrections when needed.
- 6. Editors should have a clear picture of a research's funding sources.
- 7. Editors should base their decisions solely on the papers' importance, originality, clarity, and relevance to publication's scope.
- 8. Editors should not reverse their decisions nor overturn the ones of previous editors without serious reason.
- 9. Editors should preserve the anonymity of reviewers.
- 10. Editors should ensure that all research material they publish conforms to internationally accepted ethical guidelines.
- 11. Editors should only accept a paper when reasonably certain.
- 12. Editors should act if they suspect misconduct, whether a paper is published or unpublished, and make all reasonable attempts to persist in obtaining a resolution to the problem.
- 13. Editors should not reject papers based on suspicions; they should have proof of misconduct.
- 14. Editors should not allow any conflicts of interest between staff, authors, reviewers and board members.

Abstracting and Indexing

Journal on Mathematics Education (JME), p-ISSN: 2087-8885 and e-ISSN: 2407-0610, is indexed and abstracted in:

- Scopus
- SINTA
- DOAJ (Directory of Open Access Journal)
- Google Scholar
- BASE (Bielefeld Academic Search Engine)
- ERIC
- EBSCO
- CROSSREF

Retraction

The papers published in the Journal on Mathematics Education will be considered to retract in the publication if:

- 1. They have clear evidence that the findings are unreliable, either as a result of misconduct (e.g. data fabrication) or honest error (e.g. miscalculation or experimental error).
- 2. The findings have previously been published elsewhere without proper cross-referencing and permission or justification (i.e. cases of redundant publication).
- 3. It constitutes plagiarism.
- 4. It reports unethical research.

The mechanism of retraction follows the Retraction Guidelines of **Committee on Publication Ethics (COPE)** which can be accessed at https://publicationethics.org.

Withdrawal of Manuscripts

The author is not allowed to **withdraw** submitted manuscripts, because the withdrawal is a waste of valuable resources that editors and referees spent a great deal of time processing submitted manuscript, and works invested by the publisher.

If the author still requests withdrawal of his/her manuscript when the manuscript is still in the peer-reviewing process, the author will be punished with paying **\$750 USD** per manuscript, as a withdrawal penalty to the publisher. However, it is unethical to withdraw a submitted manuscript from one journal if accepted by another journal.

The withdrawal of the manuscript after the manuscript is accepted for publication, the author will be punished by paying **\$1000 USD** per manuscript. Withdrawal of the manuscript is only allowed after the withdrawal penalty has been fully paid to the Publisher. If the author doesn't agree to pay the penalty, the author and his/her affiliation will be **blacklisted** for publication in this journal. Even, his/her previously published articles will be **removed** from our online system. Email for requesting of withdrawal: jme[at]unsri.ac.id

Sources of Support

Journal on Mathematics Education collaborates with Universitas Ahmad Dahlan as the sources of support for the published research article in mathematics education subject.

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