

Guidelines for Authors of *Physical Mesomechanics*

1. GENERAL STATEMENT

Manuscripts can be submitted to *Physical Mesomechanics* from any country in the Russian or English language. There are no restrictions on a manuscript's length. When submitting a manuscript to *Physical Mesomechanics*, the authors assure that it has not been published either in the original or in translation to or from other languages and is not being considered for publication elsewhere.

For an article to be published, the authors should submit the manuscript (submission via e-mail is preferable) and the signed copyright transfer agreement, which comes into force if the manuscript is accepted for publication. The [copyright transfer agreement](#) form is available at the publisher's web site. The editorial board of *Physical Mesomechanics* encourages the authors to nominate three or four peer reviewers for their article.

All manuscripts submitted for publication will be examined by anonymous reviewers. Within one week upon receipt of the manuscript at the Editorial Office, the editorial board will inform the authors of the receipt of the manuscript and provide the receipt date and the registration number.

If the manuscript is returned to the authors for revision, the revised manuscript should be prepared within two months. After two months the manuscript is considered a new submission. In an accompanying letter, the authors should describe the changes made in the revised version and reply to all of the reviewer's comments.

Upon acceptance no changes are allowed in the manuscript. When the article is published, the authors receive PDF files of the article.

2. STRUCTURE OF THE MANUSCRIPT

The following elements of an article are mandatory:

- The manuscript *title* as specific and informative as possible.
- The names of all *authors*. The corresponding author should be indicated.
- Full (unabbreviated) *affiliations* of authors, postal address (please indicate the city, country,

and zip code), and e-mail address. If the authors of an article have different affiliations, then it must be clear which affiliation belongs to which author. The e-mail address of the corresponding author is mandatory, because the proofs are sent to the authors only via e-mail. If there is only one author, it is advisable to indicate an alternative e-mail address. We recommend that this second e-mail account be accessible outside of the author's office. If there are several authors, it is advisable to indicate e-mail addresses of two or three authors who check their mail regularly.

– The *abstract* should not be too short and should not contain references to other works. The more informative and detailed, the better chance that the article is found, read, and cited, because every abstract is used by numerous abstracting/indexing services.

– The *main text*. The manuscript should be consistent in terms of terminology. It is inadvisable to vary terminology: the text may become more varied but misleading. The authors should use consistent notation, units of measure, and nomenclature. Abbreviations, except for common ones, should be avoided wherever possible. If an abbreviation is used, it should be explained in the text on first mention. Translated quotations are discouraged.

– *References*. The list of references should not be redundant, but it should be kept in mind that when you cite other authors, you increase the probability that your article will be read and cited as well, because many people search for articles that cite their own works. More accurate references raise the value of your article. Citation of recent sources is preferred, and citing old works, dissertation theses, deposited manuscripts, proceedings of conferences, and other difficult-to-access literature should be avoided whenever possible.

In the absence of one or more of the aforementioned elements, the manuscript will not be accepted.

3. MANUSCRIPT FORMAT

All pages of the manuscript should be numbered, including the list of references, tables, and the list of figure captions. Equations, schemes,

tables, figures, and references cited are numbered in the order of appearance in the text.

Main Text

When preparing the manuscript, please consider the following requirements:

The text should be presented in the Microsoft Word format. Other formats are acceptable upon the consent of the editorial staff. Please check the [publisher's guidelines for manuscript preparation](#) and [style file](#)

Standard TrueType fonts (e.g., Times New Roman, Courier New, and Arial) should be used.

The text should be typed with one-and-a-half line spacing using a 12-pt font size.

The preferred editor for mathematical equations is MathType.

Manual line breaks should be used only at the end of a paragraph.

Physical units and designations accepted by the International System of Units (SI) should be used.

Superscripts and subscripts should be explained in parentheses or in the text.

When submitting a manuscript via regular mail, please include the description of files that indicates the disk format, operating system, name and version of the text editor, names of files, name of the journal, title of the article, and authors' names. This description can be in digital or paper format. All files should be on CD or DVD disks. To avoid technical problems, please check your disks for errors and viruses.

When submitting a manuscript via e-mail, please follow the following rules:

The subject field should contain the journal name and the name of the first author.

Common archiving utilities (ARJ, ZIP, RAR, and others) can be used.

Frequent section headings are Introduction, Methods, Experimental, Theory, Results, Discussion, Results and Discussion, Conclusions, Acknowledgments.

Tables

Tables are numbered consecutively with Arabic numerals. The title should follow the table number, at the head of the table. All columns in tables (and the tables themselves) should have headings and be separated by vertical lines. Abbreviations in tables are not permitted. Please use standard functions of the text editor for creating tables.

Illustrations

Illustrations are published as black-and-white halftone images. Color illustrations may be submitted only in exceptional cases upon the consent of the editorial staff. Each figure should have a caption. The figures are numbered consecutively in the order they appear in the text.

If illustrations are included in one file together with the text, each illustration should be duplicated in a separate file as well. All captions to figures are grouped and listed on a separate page.

When preparing illustrations, please consider the following requirements:

For scanned drawings, use TIFF format with a resolution of 600 dpi, 256 grayscale.

Vector drawings should be submitted in the format of the software in which they were created (CorelDraw, Adobe Illustrator, FreeHand) or in the encapsulated postscript (EPS) format.

For photographs, use TIFF format with a minimum resolution of 600 dpi.

If software is not generally available, files of figures should in addition be saved in WMF, EPS, PS, or DOC format.

Graphic files should be named so as to make clear to which paper they belong and in what order they should be used. Each file should contain no more than one figure.

References

The requirements for the list of references are as follows:

The section is titled REFERENCES.

All references should be given in the original language and numbered. Titles originally written in Japanese, Chinese, and other languages that use non-Latin symbols are written in Latin transliteration.

All references should be numbered consecutively in the order they appear in the text. Reference numbers in the text should be in square brackets.

Two or more references must not have one number and one reference must not appear under different numbers.

Reference format is as follows:

For journals, all authors' names with initials, abbreviation of journal name as given in *Chemical Abstracts Service Source Index* (CASSI), article title, year of publication, volume, number, and the first and last pages should be included.

For books, all authors' names with initials, book title, city, publisher, and the year of publication should be included.

For collections of works (proceedings of conferences, symposiums, and the like), all authors' names with initials, title of the collection (conference, symposium, etc.), location of the meeting, city, publisher, year of publication, and first page should be given.

Sample citations are given below.

Journal article:

Panin, V.E., Egorushkin, V.E., and Elsukova, T.F., Physical Mesomechanics of Grain Boundary Sliding in a Deformable Polycrystal, *Phys. Mesomech.*, 2013, vol. 16, no. 1, pp. 1–8.

Book:

Bogoliubov, N.N. and Mitropolsky, Y.A., *Asymptotic Methods in the Theory of Non-Linear*

Oscillations, New York: Gordon and Breach, 1961.

Collected works:

Physical Mesomechanics of Heterogeneous Media and Computer-Aided Design of Materials, Panin, V.E., Ed., Cambridge: Cambridge Inter-science Publishing, 1998.

Any manuscript that fails to meet the above requirements may be returned to the authors without consideration per se.

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