

# Guidelines for Authors of *Russian Mathematics*

## 1. GENERAL

*Russian Mathematics* publishes articles on mathematics and mechanics, containing new mathematical results, review articles highlighting the state of the art of mathematics, which are of interest to a wide range of specialists in mathematics and mechanics.

The journal also publishes brief communications containing main results without proof; their length should not exceed six pages. Complete mathematical proofs are sent to the editorial board together with the brief communication text. Brief communications are accepted by the submission of the members of the editorial board of the journal. In this regard, the authors of brief communications should contact one of the editorial board members personally.

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Upon receiving the manuscript, the editorial board notes authors within two business weeks. All manuscripts submitted for publication undergo peer review. The manuscript returned to authors for revision should be resubmitted within two months. After this period, the manuscript is considered a new submission. A letter from the authors, describing the corrections made and responding to all reviewer comments, should be attached to the revised manuscript.

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## 2. MANUSCRIPT STRUCTURE

The following components of the manuscript are necessary:

1. Title, specific and informative;
2. List of all authors (initials and surnames); The author responsible for the correspondence should be indicated;
3. Affiliations of the authors: complete (without abbreviations) name of institution, its postal address, city, country, and zip code. If there is more than one affiliation, make clear the matching between each surname and the corresponding address;
4. E-mail addresses of all authors;
5. Abstract. The abstract should not be too short and should not contain references to other publications. The abstract should be informative and detailed; it should describe the methods and main results of the study. It should be clear from the abstract what issues were addressed in the research and what answers were obtained;
6. Keywords: 3–6 words or short phrases that accurately reflect the content of the manuscript;
7. The main text of the manuscript. The uniformity of terms should be observed throughout the manuscript. Avoid using different names for the same thing. When preparing the manuscript, the authors should maintain the uniformity of terms, designations, and units of measurement. Abbreviations should be avoided whenever possible, except for commonly used ones. If used, they should be explained upon the first mention;
8. References. The list of references should sufficiently reflect the current state in the field under study and should not be redundant. It must include accessible sources; the cited articles should be accompanied by their doi information;

9. All citations are given only in their original language;
10. Figures should be given a caption, and each table should be given its title. If there are several pieces in one illustration, they should be arranged sequentially and have a common caption;
11. Original files of illustrations must be submitted in the format of the program in which they were prepared. They will be used when preparing the manuscript for publication. Illustrations imported into the manuscript are used as originals for proofreading;
12. Funding sources (if any);
13. Acknowledgments should be mentioned separately from funding sources.

In the absence of at least one of the above elements, the manuscript may be rejected without consideration on the merits.

### 3. MANUSCRIPT FORMAT

#### 1. General requirements

<http://pleiades.online/en/authors/guidlines/prepare-electronic-version/>

#### 2. Guidelines for preparing the manuscript in the TeX format

<http://pleiades.online/en/authors/guidlines/prepare-electronic-version/tex-latex/>

#### 3. Technical requirements for the text part of the manuscripts

<http://pleiades.online/en/authors/guidlines/prepare-electronic-version/text/>

#### 4. Technical requirements for illustrations

<http://pleiades.online/en/authors/guidlines/prepare-electronic-version/images/>

### 4. FORMAT OF REFERENCES

#### **Books**

Isaev P. and Rubakov V.A. *Theory of Groups and Symmetries: Representations of Groups and Lie Algebras, Applications* (World Sci., Singapore, 2020).

Hilgert J. and Neeb K.-H. *Structure and Geometry of Lie Groups* (Springer, New York, 2012).

#### **Journal articles**

Assier R.C. and Abrahams I.D. “A surprising observation in the quarter-plane diffraction problem,” *SIAM J. Appl. Math.* **81**, 60–90 (2021).

Califano G., Izzo G., and Jackiewicz Z. “Strong stability preserving general linear methods with Runge–Kutta stability,” *J. Sci. Comput.* **76**, 943–968 (2018).

#### **Article in collections, meeting papers, etc.**

Georgiev V. and Venkov G. “On uniqueness for the generalized Choquard equation,” in *Advances in Harmonic Analysis and Partial Differential Equations*, Ed. by Georgiev V., Ozawa T., Ruzhansky M., and Wirth J. (Springer, Cham, 2020), pp. 263–278.

Pratas D., Hosseini M., Silva R., Pinho A.J., and Ferreira P.J.S.G. “Visualization of distinct DNA regions of the modern human relatively to a Neanderthal genome,” in *Proc. 8th Iberian Conference on Pattern Recognition and Image Analysis* (Faro, Portugal, 2017), pp. 235–242.