

## FOR AUTHORS

The Executive Council of Georgian IFToMM (International Federation for the Promotion of Mechanism and Machine Science) has established the reviewed and reference International Scientific Journal "PROBLEMS OF APPLIED MECHANICS" on June 23, 2000.

BY DECISION OF THE EXECUTIVE COUNCIL OF IFToMM (August 30-31, 2003, Chicago) it was affirmed new name of the journal "Problems of Mechanics".

BY DECISION OF THE EXECUTIVE COUNCIL OF GEORGIAN IFToMM (20 JANUARY, 2016) THE JOURNAL "PROBLEMS OF MECHANICS" WILL BE PUBLISHED AS THE INTERNATIONAL SCIENTIFIC JOURNAL.

The journal is periodical and published four times a year; manuscripts are being submitted in English.

The manuscripts submitted for publication must satisfy the following requirements:

1. The maximum size of the paper is determined by 6-25 typed pages on A4 page format with line drawings, graphics, tables and references (not more than 25). References should be drawn strictly by ISO standard (See appendix 1).
2. While preparing the paper on the computer the following requirements must be satisfied:
  - a) The paper must be prepared in **Microsoft Word** - using the redactor for the tables and formulae;
  - b) Margins: top - 35 mm, bottom - 25 mm, left - 25 mm, right - 20 mm;
  - c) The line drawings in **TIF** or **PCX** format;
  - d) Papers are being printed in **Times New Roman. ttf**;
  - e) Font size: 14 - for the title; 13 - for the name and surname of the author; 13 - for the positional place of work and organization where the work had been carried out – in brackets; 12 - for the abstracts in italics; 12 - for the keywords; 12 - for the text with 1,5 interval; 12 - after references should have the abstract in Russian; the abstract should have the title of the paper, author's (authors') name and surname;
3. The paper must be submitted on floppy disk and one copy printed on format A4;
4. In addition, the paper should have English and Russian summaries on separate page;
5. The summary should not exceed 15-20 lines. The summary should have the title of the paper, author's (authors') name and surname;
6. Works must be represented according to the following courses of the Journal (See appendix 2) and the scientific course should be indicated in the paper;
7. The paper should be accompanied with the information about the author(s): scientific degree and rank, occupation, address, (home, office, institute), telephone, fax, e-mail.
8. **The manuscripts must be prepared grammatically, without stylistic and technical mistakes, besides, the pictures and the photographs should be of high quality;**
9. The author(s) are wholly responsible for the contents and the quality of the work;
10. **The paper, submitted for publication is being given to a famous scientist-specialist of the corresponding field of science for a review, and only on the occasion of the positive review it will be accepted for publication in the journal;**
11. **The Journal is financially self-supported; web-page: <http://www.pam.edu.ge>**
12. Aforementioned requirements are necessary for the scientific work to be accepted.

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### APPENDIX 1

#### THE REFERENCES ON THE ISO STANDARD

References to other publications must be given in alphabetical order or as they appear in the text. At the end of the article a reference list must be given as follows:

For books (monographs): surname; initials; title; place of publication; publisher; year; pages. Example:

- [1] Davitashvili N.S., Sharashenidze G.S. Bases of dynamic analysis of a lever system for the braking of railcars. Tbilisi: Georgian Committee of IFToMM, 2004. -264 p.
- [2] Casson M. Alternatives to the Multinational Enterprise. London: Macmillan, 2003. -315 p. For Journals: surname; initials; title; double slashes which divide the title of a paper and the name of the journal (conference, symposium, etc.); place of publications; year; volume; number; pages. Example:
- [3] Baranov G.V., Martinenko Z.S. Dynamic analysis of hinged mechanisms// Problems of Applied Mechanics. Tbilisi, 2002, No 3(4), pp. 55-67.
- [4] Fox S. Empowerment as a catalyst for change: an example from food industry //Supply Chain Management. 1994. Vol. 2, No 3, pp. 29-33. For Patents: title; country; number; double slashes which divide; author; place of publication; year. Example:
- [5] Transformation mechanism of motion. Patent of Russia, No 25686//Ivanov V.E., Danilov P.G., Mamedov M.O. Russia, 2001.

**APPENDIX 2**  
**SCIENTIFIC FIELDS OF THE JOURNAL “PROBLEMS OF MECHANICS”**

**History of Mechanics**

**Theory of Mechanics**

**Gyrodynamics**

**Vibrations**

**Control of mechanical systems**

**Analysis and synthesis of mechanisms**

**Design of mechanisms and machines**

**Kinematics and Dynamics of mechanisms and multi-body systems**

**Tribology**

**Reliability**

**Biomechanics**

**Mechatronics**

**Robots and Manipulators**

**Micro-machines**

**Mechanical transmissions**

**Kinetoelastodynamics of machinery**

**Experimental mechanics**

**Magneto-/Hidro-/Aero-mechanics**

**Industrial machinery and applications**

**Computational kinematics**

**CAD Techniques**

**New desing of machines**

**Testing of prototypes and machinery**

**Applications**