

GUIDELINES FOR ARTICLES PUBLICATION SUBMISSION OF MANUSCRIPT TO MAGAZINE “TEKHNICHNA ELEKTRODYNAMIKA (“TECHNICAL ELECTRODYNAMICS”)

The Magazine “Tekhnichna Elektrodynamika“ (“Technical Electrodynamics”) is the scientific professional edition in the sphere of technical sciences. It dedicates its labour to the spread of basic and applied research results related to theoretical electrical engineering and electrophysics, conversion of electric energy parameters, electromechanical energy transformation, electric energy systems and electrotechnological complexes, information-and-measurement systems in electric power engineering.

Articles for submission must be previously unpublished and report on results of the fundamental theoretical developments and the latest applied researches.

Apart from articles the following papers should be submitted:

- cover letter signed by the technical manager of the appropriate research institution
- copyright/license for publication
- the corresponding author complete with a mailing address and telephone number, e-mail
- compact-disk or floppy disk with doc. files and jpg. files
- a copy of the journal subscription document

Manuscripts and documents are sent by e-mail: ted@ied.org.ua .

Formatting the article

The article should contain: title of the article; all authors' names (first name, middle initial (if provided), last name), degrees and affiliations, complete address; the abstract (limited to 1000-1800 symbols) written in Ukrainian, Russian and English; the body of the manuscript, tables, figures (not more than 5), the bibliographical sources following alphabetical order, an abstract in English.

General instructions

Article should be not more than 10 pages (1.5 spaced) It should be provided in Microsoft Word 97-2003 using Microsoft Equation Editor 3.0 or later. Articles should be elaborated in paper size A4, the upper, lower and left margins should be of 2.5 cm, the right margin should be of 1.5 cm.

Body texts should be elaborated with letter size Times New Roman 11 pt, 1.5 spaced, full justification and automatic hyphenation, indentation of the first line is 1.25 cm. The title of article should be centred and filed in MS Word format – Times New Roman font, 11 pt, with Bold capital letters. Running heads should not be provided and report pages should not be paginated.

Mathematical formulas should be built in as separate objects using Microsoft Equation Editor with letter size Times New Roman 11 pt, center justification, pages numbered in round parenthesis on the right. For Microsoft Equation Editor the following parameters should be used:

Greek small, large letters and symbols – Symbolfont. Sizes: normal spacing font – 11pt, large font – 14 pt, small font – 10 pt, large subscript – 8 pt, small subscript – 7 pt. Latin letter and symbols should be elaborated in “MathType”, the Cyrillic ones – in “Text type”. The presentation of formulas and their numbers in table format is not allowed. All symbols in formulas and body text should have the same images. It is better not to place Microsoft equation components in the body text of article.

Physical, chemical, technical and mathematical formulas, physical units and conventional values used in articles should be generally accepted. The abbreviations of physical units should correspond to the Requirements of the SI-system.

Figures should be submitted in BMP, JPG (300 dpi) formats without figure legends and should be embedded into the text body as “figures”. The text to each figure should be submitted in Times New Roman font 11 pt. It is recommended to elaborate smaller figures with text wrap (3 mm). After embedding figures, you should mark command options “Remove with text” or “Install data binding”. Landscape orientation is not allowed.

In case of urgent necessity photos also may be printed.

Tables should be submitted in Microsoft Word, as a part of text body with letter size Times New Roman font 10 pt. If there is more than one table for submission (limited to three), each of them should have its sequence number (without writing No and title) The word “Table 1” should be written in bold type 10 pt above the table on the left. It is recommended to submit smaller tables with text wrap. In figures and tables lines should be not thinner than 0.3 mm.

References. Bibliographical sources should be numbered at the beginning of each new line and be written in Times New Roman 10 pt, the names of authors in italics. Each reference in the text should be numbered in brackets, with the number corresponding to one in the list of bibliographical sources.

Detailed description of the rules for registering the references on

http://techned.org.ua/download/Pravila_literatura_2018_eng.pdf

Articles failing to meet the formatting requirements will be returned to the authors right after their assessment and review. For more information contact Journal Editorial Board at (044) 366-26-57, e-mail: ted@ied.org.ua

Please, read and strictly follow these instructions complied with the standards and recommendations of leading foreign publishing houses. It will guarantee that the process of your paper’s publication will be as quick and effective as it is possible.

The Editorial Board is entitled to return a paper, which does not meet these guidelines.

Getting started.

Arguments for publication:

- carrying out «traditional» scientific research;
- presence of particular view or results of observations on specific issues;
- necessity of analysis and summing up of the papers in specific scientific school;
- project (grant) implementation, the results of which are of scientific (scientific and applied) importance;
- preparations for the defense of theses.

Each paper should be completed with a publication in leading publishing houses.

Co-authorship:

- co-authorship with specialists of other (especially, foreign) scientific institutions assures competence and authenticity of research;
- the authors’ paper should be taken as a whole (it is necessary to specify, which of authors is responsible for the correspondence with editor or reviewer).

What ensures the quality of manuscript and paper on the whole?

- originality – new in science, methods or results of researches;
- correspondence to existing knowledge and their expansion;
- scientific methodology – reliability and objectivity of conclusions;
- understandability of the material statement, structure and quality of article writing;
- sound, logically stated arguments;
- theoretical and practical importance;
- novelty and expediency of references;
- strict observance of editorial requirements and tasks of journal;
- clear, concrete title, specific key words and readable paper.

A lot of manuscripts are refused because of inconsistency with journal requirements regarding article submission. They are not included into the process of reviewing:

- carefully familiarize yourself with at least one issue of journal;
- strictly observe the requirements regarding manuscripts submission (see <http://techned.org.ua>);
- specify in which shape a manuscript should be submitted: via email or in print;
- use a laconic title of article that includes understandable in the scientific world key words;
- write specific and full annotation according to the Requirements of manuscripts submission;
- references should be full and accurate – it is very important for indexing when quoting.

Regular (average statistical) domestic article includes a half of references than foreign one, which means that our scientists have smaller chances to be cited, than foreign colleagues. That is why the observance of

all requirements and suggestions (mentioned above) in your articles will make your manuscript noticeable and will result in wide spread occurrence and citation.

When formulating a title of article, annotation, and key words in English, you need to remember that:

- *annotation* should be perspicuous and interesting, especially, for foreign scientific community, which will be able to get a wider expression of subject area and level of publications of domestic scientists without knowing Ukrainian (Russian) language and without full text processing;
- *volume* of structured annotation is 1000-1800 characters;
- *task* – a target of research work creation;
- *model* – methodology (how it was executed), area of research;
- *conclusions* – discussion (results);
- *practical importance* – research area, possibility of using results of paper in prospect;
- *originality* (value) – what is new in this article and who can benefit from realization of this idea.

Before submitting your article to editorial board:

- find out what your colleagues think about it (especially, regarding composition of authors). Our views are subjective: working long time on our paper, we don't see its' defects;
- always double check spelling, completeness of references (especially pay attention to the number of authors to be the same in citation and in original source);
- spelling check – it is not the easiest work, but very important!

Finally you submitted your article

to editorial board, and are included into publishing process:

- remember that the reviewer is the first reader of your article and you should convince him that your article is worthy of publication;
- each article that is prepared for publication, is reviewed at least once;
- article review is really a good news;
- even if the comments of reviewer are sharp and unacceptable from your point of view, nevertheless they are unprejudiced and impartial.

How to make changes in the article:

- find out deadline for article revision;
- if you have any doubts regarding your understanding of reviewer's remarks, don't be shy to specify concrete items (questions, moments, nuances);
- consult your colleagues and co-authors and listen to what they think about given remarks;
- make all corrections by the deadline;
- add a cover letter, in which you need to point out all requirements (remarks) of reviewer that were met (if you didn't meet requirements, you need to explain why).

If your article was refused:

- find out the reason: editor or reviewer will provide you with specific remarks and explanations regarding the reasons for rejection;
- try once more! Try to improve the material of your article;
- don't worry and don't give up: at least once each was refused;
- continue your efforts!

Contact us! Cooperate with us!

- tell us how we can help you;
- communicate with us on-line.

Our e-mail: ted@ied.org.ua