

### REQUIREMENTS FOR DRAWING-UP OF ARTICLES

The editorial office of the State Enterprise "UkrNDIV" on a permanent basis accepts scientific and scientific-technical articles for the collection of scientific works.

1. Only scientific articles are accepted for publication in the Collection, which have the following necessary elements: statement of the problem in general and its connection with important scientific or practical tasks; analysis of the latest research and publications, in which the solution of this problem has been initiated and on which the author relies, selection of previously unsolved parts of the general problem, to which the mentioned article is devoted; formulation of the purposes of the article (task statement); presentation of the main material of the study with a full justification of the obtained scientific results; conclusions drawn from this study and prospects for further exploration in this area. Papers must be submitted in printed and electronic form in Microsoft Word. To verify the spelling of the formulas, please provide the publication also in **PDF** format, because different versions of software for text editors may be incompatible and change the content of the article.

2. The article should correspond to the subject of the journal and be signed by the author's signature. The author is responsible for the materials presented in the article. Along with the text of the article and the electronic version of the recorded text to the editorial board of the Collection following items should be submitted:

- review of the article;
- expert opinion on the possibility of publishing materials;
- extract from the record of the department, laboratory or research unit meeting that recommends the article for publication;
- information about the authors (serial number (superscript - Arabic numeral and an additional asterisk for the corresponding author), place of work, full postal address (street, block, building, name of the settlement, country, index), telephone numbers, e-mail and ORCID. Each subsequent address and data for correspondence should begin with a new line. (TNR 9, normal type face, interval before the block is 0 pt, after is 12 pt).

3. The material should be presented concisely, consistently, stylistically competently. Terms and designations must comply with applicable standards. Repetitions, as well as unnecessary details when transferring previously published information are not allowed - references to literary sources should be provided instead. Units of measurement should be submitted only according to the international system of SI units or in units approved for use in Ukraine in accordance with the requirements of current state standards. 4. The paper should be accompanied by an annotation in one paragraph of 250 to 300 words, structured (purpose, methodology, results, scientific novelty, practical significance), with alignment in width. Block in Russian (for a Ukrainian-language article) or Ukrainian (for a Russian-language article) should consist of at least 1800 characters; the format should meet the requirements for the design of the article: full list of (co) authors; information about (co) authors; article title; annotation; keywords and should be located across the width of the page in front of the main text. For non-Ukrainian authors, translation of the title of the article, information about the author, annotations and keywords into Ukrainian and Russian is not required.

5. Quotations, tables, statistics, numerical indicators that increase the level of analytical materials should be submitted with reference to sources. Tables should be numbered and have a title. The author is responsible for these indicators.

6. Text materials are prepared and printed on sheets of white single-grade paper using computer text editors MS Word for Windows, to set formulas built-in editors of equations should be used, tabular materials can be prepared using spreadsheets (MS Excel). The Times New Roman font should be used.

7. The parameters of the Collection page are set as follows:

- page size – 210 x 297 (A4)
- book orientation
- top and side margins - 35 mm;
- lower field - 45 mm;
- deviation from the header - 12 mm;
- deviation from the footer - 20 mm.

Do not enter headers and footers, or page numbers.

Text, formulas, tables, figures, diagrams, flow charts should be placed on a page in one column. Indent of the first line of the paragraph should be 5 mm, the interval between lines should be single.

8. Materials should be typed in the following fonts:

- **UDC** - 11 points, italics, text alignment on the left edge;
- **authors** - 12 points, bold italics of text alignment on the left edge;
- **ARTICLE TITLE** - all capital letters, 12 points, bold text, center alignment;
- **annotation** - 11 points, bold italics, text width alignment;
- **Keywords** (5–12 individual words and / or several phrases), width alignment;
- **main text** - 11 points, the usual width alignment of the text;
- words *Figure, Table, Diagram, Diagram and their numbers* - 11 points, italics;

*Fig. 1. External appearance*

*Table 1. - Some characteristics*

- **names of figures, tables, diagrams, schemes** - 11 points, bold, text center alignment;
- © **Domina A.K., 2018** - 12 points, bold italics text alignment on the left edge;
- **headings in the section** - 11 points, bold, text alignment on the left edge.
- **REFERENCES** - 11 points, bold, centering of the text;
- **Sources in the list** - 9 items in regular font, width alignment of the text;

9. All figures, tables, diagrams must have names and numbers (if one the material contains two or more of these elements):

If after the thematic title of the signature there is a decryption, then between them a colon should be placed and the following transcript should be typed in 9 pt, for example:

Fig. 15. Disc brakes:

1 - brake disk; 2 – caliper

**Illustrations should also be presented as separate JPEG, TIFF files (for raster) or PSD (for rasters made in Photoshop), CDR (for a vector, performed in Corel DRAW).**

*Inscriptions on the illustration* can be of two types: 1) inscriptions on the illustration itself against the corresponding details; 2) designation by numbers or letters with removal of the text of inscriptions in the corresponding text or under the signature. There is no need to save articles intended for the qualified reader inscriptions on the illustrations, i.e. the second option is more acceptable.

The inscriptions should be typed in Times New Roman font, 10 pt font size, light, italic typeface.

Photos should be clear and contrasting. If you need to indicate in the photos numbers (positions), it should be made in Photoshop.

10. Names and numbers of tables should be placed above the tables, and figures, diagrams, flow charts to be located under them. It is forbidden to separate names from the

specified elements. References in the text on the table should be given in abbreviated form: "table. 1", - in the usual font.

**In the article only in case of urgent need and in a limited number of tables are allowed, deployed vertically (landscape orientation).**

*Tables are typed in Microsoft Word.*

Tables of the same nature should be designed uniformly throughout the publication (fonts, rulers, headings and columns, line breaks, etc.).

The table should be printed as close as possible to the first reference to it in the text.

If the table does not fit on one page, all its columns are numbered, and above the transferred one part of the table on the right is inscribed: "Continuation of the table. 1" or "End of table.1 »

### 11. Formulae

- When using formulas it is necessary to adhere to certain technical-orthographic rules.

- Graphic files with formulas, graphs, figures, diagrams and photographs should be located in the text in the MS Word box. The formula number should be affixed to the right at the end line, in parentheses, without going to the field. The formulae should be located on the page by the center. An interval of one line should be maintained formulae and the text.

- The formulae should be entered in the graphical editor "Equation Editor" for "Windows". Latin letters and notation of values (symbols) in italics, Ukrainian and Russian letters are to be executed in direct font only.

- An explanation of the values of the symbols and numerical coefficients should be given directly under formula in the order in which they are given in the formula. The value of each character and the numerical coefficient should be entered from a new line. The first line of explanation begins from the word "where" without a colon.

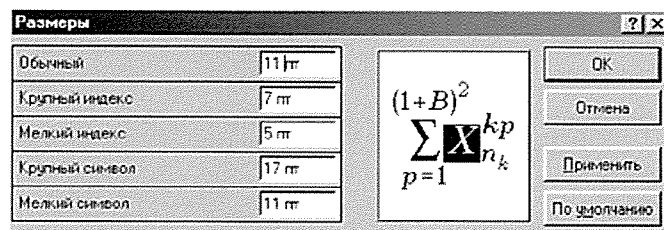
- Equations and formulae should be separated from the text by free lines. Above and below each formula at least one free line should be left. If the equation does not fit in one line, it should be moved after the equal sign (=) or after the signs plus (+), minus (-), multiplication (·) and division (:).

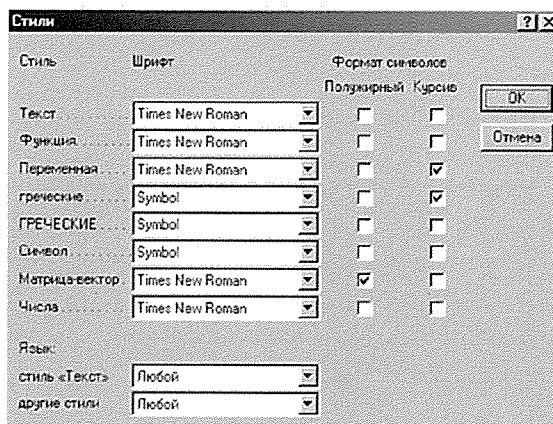
- The general rule of punctuation in the text with formulae is as follows: the formula is included in the sentence as its equal element. Therefore, at the end of the formulae and in the text before them punctuation marks should be put in accordance with the rules of punctuation.

- A colon is placed before the formula only in cases provided by the punctuation rules: a) if in the text before the formula there is a generalizing word; b) if it is required by the composition of the text preceding the formula.

- As separating characters between formulae that follow each other and are not separated by the text, a comma or semicolon immediately following the formula to its number can be used.

- Formula editor parameters:





- **It is forbidden** to place individual objects (illustrations, captions, formulas) in the middle of the **table!**

### 12. REFERENCES

- volume is 7-20 sources (excluding review articles);
- Most sources should reflect the current state of research and be not older than 10 years; (bibliographic description of the sources used in the preparation of the article should be presented in the original language) and executed in accordance with the standard DSTU 8302: 2015.

13. All bibliographic descriptions of sources should be given in the original language. When referring to documents cited the name of the publication used and (in square brackets in regular font) its number in the list should be indicated, for example: «... and are determined by the tariff scheme of the Price list 0–01 [2] ».

14. The list should include modern English literature not older than 5 years.

15. The intervals between the elements of the material are as follows:

- UDC - authors - 2;
- authors - title of the article - 3;
- title of the article - annotation - 2;
- annotation - main text - 1;
- main text - the name of the table (upper edge of the figure, diagrams, charts) -2;
- name of the table - its upper edge (lower edge of the figure, charts, diagrams - their names) - 1;
- the lower edge of the table (name of the figure, diagram, charts) - the main text -2;
- main text - copyright mark - 1;
- main text - REFERENCES - 1;
- REFERENCES - list of references - 1.

**If the publication is not entirely in English**, each non-English publication should be accompanied by an annotation in English of at least 1800 characters, including keywords.

The format of the text block in English and Latin should meet the requirements for the drawing-up of the article: full list (co) authors; information about (co) authors; article title; annotation; keywords and should be located across the width of the page after the REFERENCES.

**References** is a transliterated bibliography (Latin letters), APA standard and presented after the English annotation.

## РЕЙКОВИЙ РУХОМИЙ СКЛАД

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1. Transliterated list of literature, in accordance with the requirements of scientometric databases SCOPUS and Web of Science, is a complete analogue of the bibliography and is performed by transliteration of the language of the original in Latin. The order and number of sources in the bibliography must remain unchanged. References to English-language sources are not transliterated.

2. The list of references should be executed in compliance with the ARA standard (American Psychological Association).

3. Resolution of the Cabinet of Ministers of Ukraine of January 27, 2010 № 55 "On streamlining transliteration of the Ukrainian alphabet in Latin" approves the official transliteration of Ukrainian Latin alphabet. Establishes the current rules for transliteration of surnames and names of citizens of Ukraine in Latin in foreign passports. Online transliterator (<http://translit.kh.ua/?passport>)

4. On the website [http://shub123.ucoz.ru/Sistema\\_transliterazii.html](http://shub123.ucoz.ru/Sistema_transliterazii.html) you can use for free the program for transliteration of Russian text into Latin in terms of the Transliteration rules of the US State Department.