

## **Rules of Article Forming**

### **1. Basic conditions**

The manuscript can be sent to the editorial office of the journal only if the following conditions are met:

- the research was conducted with the highest standards of care and conscientiousness;
- the manuscript is original and has not been published anywhere else, including by the authors of the manuscript;
- the work has not been submitted anywhere else and is not reviewed with any other publication;
- work does not contain defamatory, discreditable or illegal statements;
- allowed to use any third-party materials;
- confirmation of consent has been obtained from all specified persons or organizations;
- authorship was agreed prior to submission, and no one was “gifted” with authorship or refused to be credited as an author (ghostly authorship).

If your research is published and we find that any of these conditions have not been met, we may take action in accordance with [COPE](#) guidelines, which may result in one of the correction notices, or we may remove or revoke the article.

### **Additions and additional materials**

If there are figures in the article, the authors must choose the main figure that reflects the results obtained. This figure will be placed at the title of the article in the archive of the journal.

Drawing requirements:

- format .jpg, .jpeg, .png
- resolution not less than 300 dpi
- size no more than 5 Mb

Also, electronic additional materials for the article at the request of the authors (Excel files, audio and video files) can be published.

### **2. Requirements for the text**

**Font** – Times New Roman

**Font size** – 14

**Interval** – 1

**Margins of the document – 20 mm**  
**Minimum number of pages – 10**  
**Article language: Ukrainian, English**

### **3. Structure of article**

**UDC**

**TITLE OF THE ARTICLE *IN UKRAINIAN***

**First Name Last Name, First Name Last Name.... *in Ukrainian***

**TITLE OF THE ARTICLE *IN ENGLISH***

**First Name Last Name, First Name Last Name.... *in English***

*Abstract in Ukrainian*

*Keywords in Ukrainian*

*Abstract in English*

*Keywords in English*

**1. Introduction**

**2. Literature review and problem statement**

**3. The aim and objectives of the study**

**4. Materials and methods**

**5. Results**

**6. Discussion of results**

**7. Conclusion**

**Conflict of interest**

It is necessary to indicate the absence or presence of a conflict of interest. If there is a conflict of interest, it must be specified. When there is no conflict of interest, it is necessary to specify the phrase:

The authors declare that they have no conflict of interest in relation to this research, whether financial, personal, authorship or otherwise, that could affect the research and its results presented in this paper.

### **Financing**

Sources of funding must be indicated. If there is no funding, it is necessary to indicate:

The study was performed without financial support.

### **Data availability**

Choose one of the options and indicate it in the text of the manuscript:

- manuscript has associated data in a data repository
- manuscript has data included as electronic supplementary material
- data will be made available on reasonable request
- data cannot be made available for reasons disclosed in the data availability statement
- manuscript has no associated data

### **Acknowledgments**

### **References**

### **References**

Information about authors in English

Information about authors in Ukrainian

### **4. Requirements for the article title**

- it does not contain abbreviations;
- strictly correspond to the content of article.

### **5. Requirements for abstracts**

- not less than 1800 characters with spaces, including keywords;
- no more than 1900 characters with spaces, including keywords;
- it does not contain abbreviations that are understandable only from the context of article.

### **6. Requirements for keywords**

- no more than 10 words;
- do not contain abbreviations that are understandable only from the context of article;
- separated by commas.

## 7. Requirements for graphical abstract

A graphical abstract is an image that appears alongside the text abstract in the contents. This is a single, concise, pictorial and visual summary of the main findings of the article.

A graphical abstract should allow readers to quickly gain an understanding of the take-home message of the paper and is intended to encourage browsing, promote interdisciplinary scholarship, and help readers identify more quickly which papers are most relevant to their research interests.

Authors must provide an image that clearly represents the work described in the paper. It could either be the superposition of several figures from the article or a figure that is specially designed for the purpose. Any postage stamps, currency from any country, or trademarked items should not be included in it. Graphical abstracts should be submitted as a separate file.

Requirements for graphical abstract:

- Image size: the minimum required size for the graphical abstract is 560 × 1100 pixels (height × width) with minimum resolution of 300 dpi. If you are submitting a larger image, please use the same ratio. Please note that your image will be scaled proportionally to fit in the available window.

- Font: please use font with a large enough font size as the image will be reduced in size for the table of contents to fit a window.

- File type: .jpg, .jpeg, .png.

- File size: no more than 5 Mb.

No additional text, outline or synopsis should be included. Any text or label must be part of the image file. Please do not use unnecessary white space or a heading “graphical abstract” within the image file.

## 8. Requirements for formatting figures

1) Before a figure, there must be a reference to the figure in the form: Fig. 1, Fig. 2–4, Fig. 5, *a*. Before a figure, there should be a link to the figure (in the same chapter/subsection as the figure itself)

2) The caption under a figure should take the form: Fig. 1. The title of the figure.

If the figure consists of several subfigures, the caption should take the form: Fig. 1. The title of the figure: *a* – the name of the first subfigure; *b* – the name of the second subfigure...

3) 3) If there are designations or abbreviations in the figure, the transcript of which were not given earlier in the text, then those should be explained in the text under the figure. For example, the figure shows three charts, which are marked, respectively, by numbers 1, 2, and 3. Then the text under the figure should take the form: Fig. 1. Title: 1 – chart 1; b – chart 2; 3 – chart 3.

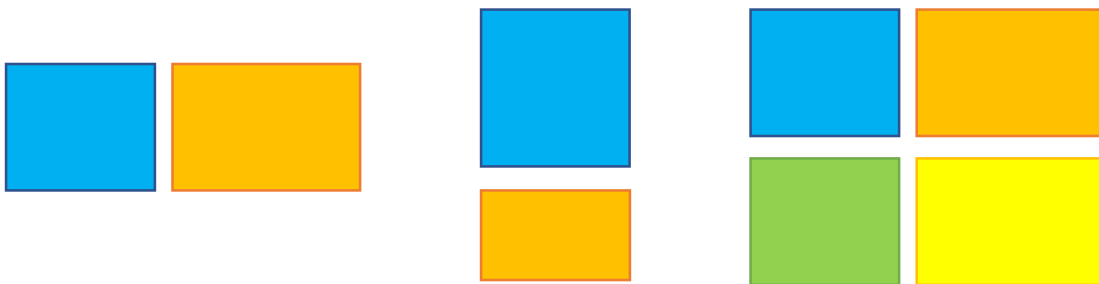
- 4) Caption under the figure must be part of the text.
- 5) Figures should be streamlined "In text."
- 6) The inscriptions in the figure should not be bold or italic.
- 7) All inscriptions in the figure must be written in one font and one size.

The exception is screenshots of programs that do not allow one to edit the font.

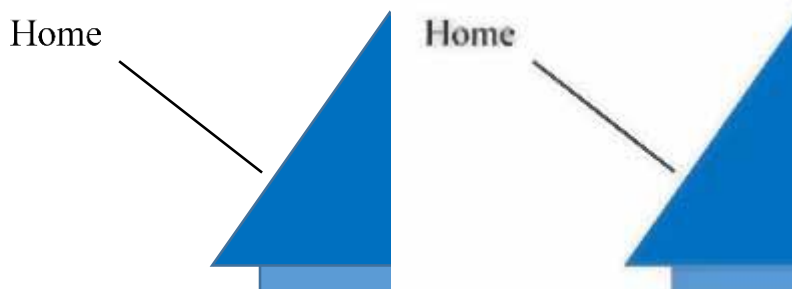
8) The indices in the figure should take the same form as the indices in the text.

9) On the charts, the axes' titles must be moved from the scales to the same distance of at least 0.5 cm.

10) At least one size (height or width) of the subfigures should be the same. The horizontally located subfigures should have the same height, and the vertically located ones should have the same width.



11) Figures must be of good quality (at least 300 dpi). The inscriptions on the figures should be clear and readable, the lines of the figure should not be blurred. There should be no noise in the figure.



12) The editorial board reserves the right to reject a paper if the authors refuse to provide the original figure files to avoid data falsification (dwg – for CAD-system drawings (COMPAS, SolidWorks, AutoCad), cdr – for CorelDRAW files; xls/xlsx – for Excel, etc.).

### **9. Requirements for formatting of the tables**

- the table header does not contain blank cells;
- if the table in your document is divided into several pages, you do not need to re-sign the header on a new page;
- all tables should be vertical.

## **10. Requirements for formatting of the formulas**

- formulas should be typed in the MathType equation editor;
- links to the formula in the text should look like (1), (2)–(4);
- formulas should be numbered;
- numbering alignment to the right;
- the formula is part of the text, so after a formula must stand semantic mark: if the new proposal goes further, then the dot, if further clarification is the comma.

## **11. Requirements for formatting of references to literature in the text**

- references should take the form [1], [2–6];
- references should be in the order of their mention in the article;
- all literature references cited in the Literature part, reference should be in the text **necessarily!**

## **12. Requirements for formatting the list of sources in the literature**

- sources are made according to the [standard IEEE](#);
- sources must be at least 10;
- the list of references should have at least 60 % foreign sources;
- if GOSTs and national standards are used in the references, their foreign analogues must be given;
  - the percentage ratio of self-citations is no more than 30 % (ie, if you used 10 references, no more than 3 of them can be to your works);
  - all sources must be unique (one source is mentioned only once in the bibliography);
  - all sources must be provided in the original language (i.e. if an article/book, etc. was published in Ukrainian, sources should also be added to the list of references in Ukrainian, and not a translator or transliteration should be used);
  - before submitting the manuscript to the editor, it is necessary to check all URL sources for operability
  - sources belonging to the Q1 and Q2 Scopus quartiles should be highlighted in purple;
  - **it is obligatory** to indicate for all sources their digital identifiers DOI (if available)!

## **13. Requirements for registration information about the authors**

Please provide information about each author according to the example below (in a clear sequence):

<b>English</b>	<b>Ukrainian (for Ukraine citizens only)</b>
Full name	Full name
Science degree	Science degree
Department	Department
University	University
Address University	Address University
E-mail:	E-mail:
ORCID:	ORCID:
Contact phone:	Contact phone:
Number of publications in national journals indexed (approximate; for Ukraine citizens only)	Number of publications in national journals indexed (approximate; for Ukraine citizens only)
Number of publications in international journals indexed (approximate)	Number of publications in international journals indexed (approximate)
H-index by Scopus (if available)	H-index by Scopus (if available)
ResearchGate:	ResearchGate:
ID Scopus:	ID Scopus:
Researcher ID:	Researcher ID:

The author's [ORCID ID](#) is required. [ORCID](#) provides a unique and persistent digital identifier that distinguishes researchers from every other researcher, even those who share the same name, and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between researchers and their professional activities, ensuring that their work is recognized.

### **SUBMISSION TO THE EDITOR**

#### **Submit a paper to the editors You can of ways**

1. Post an article on-line through the platform OJS (Open journal system)

### **EDITING**

All manuscripts are first checked by the editor. Only those manuscripts that meet the standards of the journal, and fit within its aims and scope, will be sent to expert reviewers.

**Deadline from 2 weeks till 1 month.**

### **REVIEWING\***

**Deadline from 1 month.**

1. Our editorial staff is practicing a double-blind peer review.

\*Review procedure involves checking for plagiarism, verification of compliance the article title and content, check the content of the article

2. Get response from reviewers. If there are any adjustments, then they need to be taken into account, and the article should be sent back by email to <mailto:visnyk.ota@gmail.com>.

3. If there are no corrections or all comments made by the reviewers are corrected, the article will be accepted for publication in the journal based on the results of a double-blind peer review.

### **SPECIAL OFFERS FROM THE EDITOR**

**The specialists of our editorial can help you with requirements of articles:**

- making Article in accordance with the requirements;
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- editing pictures;
- formula design in the MathType formula editor;
- prepare for publishing your articles to other Ukrainian and foreign scientific publications.