

## MANUSCRIPT REQUIREMENTS

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### I. GENERAL REQUIREMENTS:

1. Manuscript Language: Ukrainian and English.
2. The Manuscript length– **from 20 000 to 50 000 characters** with spaces. The file should not exceed 2 MB.
3. The text should be typed in MS Word.
4. Page: A4, all margins – 2.5 cm, without headers and page numbering.
5. Main text – font Times New Roman, regular, lines without hyphens.
6. Paragraph Settings:
  - alignment – the width;
  - line spacing – 1;
  - first line indent – 1 cm;
  - paragraph spacing – 0 mm.
7. The percentage threshold of the text originality in terms of the main research results presentation, as well as the review of sources, excluding standardized academic clichés and bibliography, according to the results of textual coincidences should be no less than **80-85%**

### II. PUBLISHING DESIGN OF ARTICLE'S STRUCTURAL ELEMENTS:

UDC (for Ukrainian authors - UDC should be responded to the main journal's approach (37:004), as well as to the subject of the research. We recommend that you contact specialists: librarians of your educational institution, the Sukhomlynsky State Scientific and Research Library, which provides services for determining the Universal Decimal Classification indices for documents online - <https://dnpb.gov.ua/ua/24199-2/>, or other scientific libraries)

1. Author's Name (full name, left-aligned, bold, 10 pt).

If the research results presented in your article are not related to widespread national or international experimental implementation, and there are more than four authors, you should justify each author's personal contribution in the section THE RESULTS AND DISCUSSION. During the review process, the authors' names will be deleted.

Please note that in accordance with the editorial ethical requirements, the list of authors should indicate the persons who have made a significant contribution to the scientific research presented in the article. Academic status, position, or other seniority should not determine the order in the list; the order of authors should indicate the relative leadership and value of the researchers' contribution to this scientific work. We also recommend you review the criteria for authorship available on the journal's site (III. "Author status" <https://journal.iitta.gov.ua/index.php/itlt/ethics>).

2. Academic degree, Academic title, Position (left-aligned, 10 pt).
3. Place of work: name, locality (left aligned, 10pt).
4. ORCID ID (left aligned, 10 pt)
5. e-mail (left aligned, italic, 10 pt).
6. Title (It is important to ensure that the title of the article is not generalized. Rather, it should reflect the subject (the purpose of the study), as well as the problem that the study solves (or is aimed at), in order to convey the key aspects of the article. 12 pt, bold, capital letters, paragraph without indenting the first line, centered).
7. The word "Abstract" (bold, 10 pt). Later in the same line – abstract (regular, width, 10 pt, right and left margins - 1 cm).

The abstract should be **no less 1800, but no more than 2300 characters long**. The abstract as a shortened form of presentation of the scientific text must be informative,

understandable, clearly and logically written. The purpose of the abstract is to draw readers' attention and get them interested in reading the whole article. Writing the abstract you should not use general phrases, as well as specify non-essential details and well-known statements. The methodology description is reasonable in case of its novelty or interest in terms of this work. The advantages in the abstract are given to new results and long-term data, important discoveries, conclusions that refute existing theories, as well as data that, in the opinion of the author, are of practical importance.

Avoid direct repeats of any piece of work. The title of the article should not be duplicated in the abstract text. Besides, you should avoid including tables, drawings, diagrams, and formulas, use the abbreviations and symbols except commonly used ones. If the abbreviations are introduced, then at first use it is necessary to give them a decoding.

8. Phrase "Keywords" (10 pt, bold). Later in the same line – keywords – 3 to 6 terms separated by ";" (10 pt, regular, width, right and left margins - 1 cm).

In order to increase citation and better recognition of your article by search engines, you should avoid using key concepts represented by a single word or sentence.

9. Basic text (font Times New Roman, 12 pt) should be consisted of the following sections:

- 1. INTRODUCTION (MANDATORY SECTION)** (a separate paragraph, indentation: before 24, after – 12, bold, 12 pt, bold, left aligned)

**Statement of the problem.**

**Analysis of recent research and publications.**

As a result of the analysis of sources, previously unsolved parts of the general problem, which the article is devoted to, are necessarily highlighted.

Referencing is made in accordance with IEEE citation style. The references should be numbered and appear in the order they appear in the text. When referring to a reference in the text of the document, put the number of the reference in square brackets:

- a reference given in square brackets, for example [10];
- comma separated pages [3, p. 35] – 3-d source of 35th page;
- when citing several sources simultaneously, each number must be listed separately, in its own brackets, separated by commas or dashes: [3], [4], [5], [6] or [3] – [6].

**The research goal.**

**2. THE THEORETICAL BACKGROUNDS (OPTIONAL SECTION)**

**3. METHODS (OPTIONAL SECTION)**

**4. FINDINGS (MANDATORY SECTION)**

**5. CONCLUSIONS AND PROSPECTS FOR FURTHER RESEARCH (MANDATORY SECTION)**

**FUNDING (OPTIONAL SECTION)**

(organization, institution, university, private person, grant, etc., which finances scientific research)

**ACKNOWLEDGMENT**

**REFERENCES (TRANSLATED AND TRANSLITERATED)**

All in-text citations should be listed in the reference list in Roman script.

The list of used sources is made in accordance with the IEEE style:

- subheading "REFERENCES (TRANSLATED AND TRANSLITERATED)" (a separate paragraph, indentation: before 24, after – 12, bold, 12 pt, bold, left aligned);
- list of translated and transliterated references (type – 10 pt);

- sources are numbered and organized in the list of references in the order they are mentioned in the text, the serial number is indicated in square brackets before the bibliographic description;
- the list of sources should consist of no less than 10 and no more than 30 titles (type - 10pt);
- the authors' self-citation, presented in the list of sources, should not be more than 15% of the total number;
- in the list of sources, the number of publications in editions indexed in Scopus / WoS is recommended at least 40% of the total references. The author should demonstrate his awareness in the research of the scientific community not only in the domestic scientific and educational space;
- names of authors and proper names - transliterated into Latin;
- titles of articles, conferences, journals, publishers - translated into English;
- make sure that each reference cited in the text is in the References (translated and transliterated), and each hyperlink is active;
- if available, indicate DOI in web links;
- after each reference the language of the source must be indicated in brackets (in Ukrainian) or (in English).

The names of journals, conferences, organizations, publishing houses, scientific institutions should be indicated in abbreviated form.

It is necessary to shorten the names of the months in the dates of access / publication, etc. (in accordance with the language rules of a particular country).

Examples of the referencing in accordance with the style of the IEEE you can find at IEEE REFERENCE GUIDE (2018) - <https://www.ieee.org/documents/ieeecitationref.pdf>.

10. Line "Text of the article was accepted by Editorial Team \_\_.201\_ " (right alignment, 10 pt);

### **III. FORMATTING OF INDIVIDUAL OBJECTS:**

#### **1.1. Subtitle of the first level** (single line, bold, left alignment, spacing 1 cm)

##### ***1.1.1. Subtitle of the second level*** (single line, bold, italic, left indent 1.5 cm)

All illustrations, diagrams, software code and tables should be located as far as they are mentioned in the text (not at the end of the article).

##### ***1.1.2. Lists***

Lists are issued as follows:

- Numbered – "1." "1)», «a»;
- Labeled – «→», «•».

##### ***1.1.3. Formulas***

Equations and mathematical symbols and letters which denote the variables in the text should be typed in MS Equation, without frame and fill. Font-Times New Roman 12pt, centered, numbered – in parentheses to the right.

$$h_w = \sqrt{\sum_{j=1}^{r_0} cit_j} \quad (1)$$

where  $cit$  - the number of citations,  $r_0$  - the largest index number of the series  $j$ , such that  $r_w(j) \leq cit_j$

### 1.1.5. Tables

Tables are numbered, centered, without spaces. The word «Table 1.», italic, right. Format of **table name**: centered, bold, position – above the table. After the table it is necessary to leave a blank line.

*Table 1*

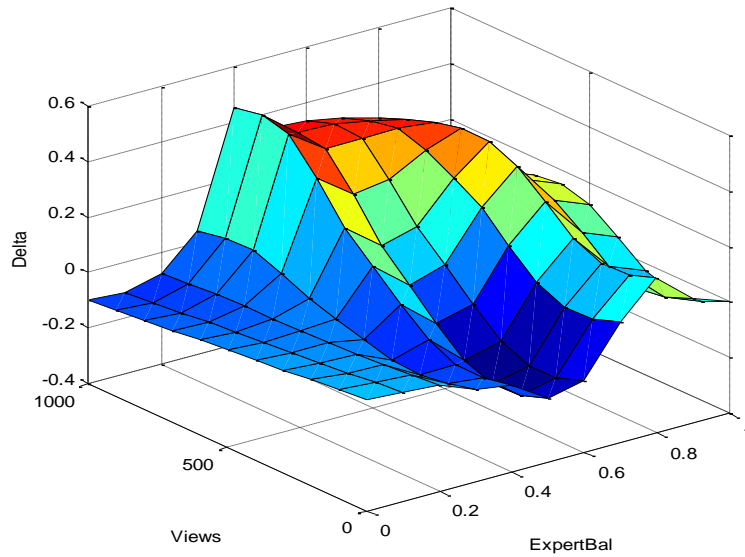
#### **Didactics possibilities of webinar-oriented platforms usage**

<b>Didactics tasks</b>	<b>Means of webinar-oriented platform</b>
Presentation of initial information, illustration of teacher's explanation	<ul style="list-style-type: none"> <li>– audio and video conferencing</li> <li>– whiteboard</li> <li>– electronic bulletin</li> <li>– joint visit Web sites</li> <li>– demonstration of the software</li> <li>– demo presentations and files of various formats</li> </ul>
Providing of team interaction	<ul style="list-style-type: none"> <li>– text chat, audio and video conferencing</li> <li>– collaboration with the white and documents</li> <li>– additional virtual rooms for group learning</li> </ul>
Evaluation of learning achievements	<ul style="list-style-type: none"> <li>– tests, interviews with immediate visualization of the results</li> </ul>

### 1.1.6. Figures

Illustrations (photographs, drawings, diagrams, charts, graphs, maps, screenshots of the website) and tables in the text are referenced with the serial numbers under which they are mentioned in the text. All illustrations in the text are numbered with Arabic numerals (Fig. 1, Fig. 2). The caption under the illustration should correspond to the main text and the illustration itself, be numbered consecutively in Arabic numerals, italics and aligned in the centre - *Figure 1*. Titles of illustrations are placed after their numbers. If necessary, the illustrations are provided with thematic titles (figure captions), which are placed in the middle of the page after the figure and written in capital letters, italics. No period is used after the title. The quality of illustrations should ensure their clear reproduction. Illustrations in the article can be black and white or colour and have a single style.

One blank line should be left before the figure.



*Figure1. Surface of errors of Sugeno type fuzzy systems*

#### ***1.1.4. The software code***

Samples of the software code should be typed by font Courier New, 9 pt. Before and after the code it is necessary to leave a blank line.

```
def nicedet(M):  
    s="$\\left|\\begin{array}{ccc} "  
    for i in range(M.nrows()):  
        for j in range(M.ncols()):  
            s=s+" "+latex(M[i,j])  
            if j!=M.ncols()-1:  
                s=s+"&"  
    s=s+"\\\\"  
    s=s+"\\\\"
```