

PREPARATION OF PAPERS FOR CPEE

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Abstract: These instructions give you guidelines for preparing papers for CPEE. The abstract of a submitted paper should reflect the structure of the paper and include an introduction, a purpose, objectives, the description of methods, results, and a conclusion. It should also briefly present the essence of the work and its novelty. The abstract should have the structure specified above in compliance with SCOPUS requirements and consist of about 500-600 symbols.

Key words: should reflect the content of the work, be specific to an industry pertaining to the presented work, and comprise no more than five semantic concepts.

1. Introduction (Style Header1)

Section headings – font: Times New Roman, type size 10, the interval before the line: 6 pt. (Style Header1). The introduction should be concise and clear; a connection with previous works may be shown.

2. Text formatting

The paper is submitted in 2 copies. The text is typed in a text editor, Microsoft Word 2000 or Word 2003. The paper is prepared using A4 page format (210x297 mm). Margins: left 18 mm, right 25 mm, upper 20 mm, bottom 27 mm. The text is written in two-column format, the space between the columns is of 5 mm. The indentation is set at 6 mm. Font: Times New Roman, type size 10, spacing 1.1 (Style Normal). All pages must be numbered; the first page is the page with the paper title. Figures and tables are inserted in the text and, additionally, submitted as separate files. Please make sure that the columns on the last page are of the same length!!!

3. Equations

Equations are written using the format of Equation 2-4, they are placed in the center of a line and numbered using parentheses located on the right side of the line. The equation editor MS Word is defined as follows: normal – 11 pt, index – 7 pt, small index – 5 pt, symbol – 12 pt, small symbol – 11 pt. Equations are formatted using the Equation style. The interval before the equation is of 6 pt, the interval after the equation is of 3 pt. Please use TAB-key to identify the location of the formula and its number in a line.

Styles used: variable – italic, vector – italic with upper arrow, matrix – bold. Such styles do not put any limitations

on usage of non-Latin symbols – they may be either italic or straight because the distinguishing feature of a vector is a presence of an upper arrow while the distinguishing feature of a matrix is its bold appearance.

The following equation (1) is given as an example:

$$\begin{cases} \vec{x}^{(k+1)} = \mathbf{F}\vec{x}^{(k)} + \mathbf{G}\vec{v}^{(k)} + \vec{\Phi}(\vec{x}^{(k)}, \vec{v}^{(k)}) \\ \vec{y}^{(k+1)} = \mathbf{C}\vec{x}^{(k+1)} + \mathbf{D}\vec{v}^{(k+1)} \end{cases}, \quad (1)$$

where \vec{v} – the vector of input data; \vec{y} – the vector of output data; \vec{x} – the vector of the variables that describe the state of an object; \mathbf{F} , \mathbf{G} , \mathbf{C} , \mathbf{D} – the matrices of macromodel coefficients; $\vec{\Phi}$ – an unlinear vector-function; k – the number of an iteration step (style EquationComment).

4. Tables

Tables are inserted in the text and also submitted as separate files in the format MS Excel or MS Word. The body type size of a table – 8, the title type size – 10 (style TableBody). The title is placed at the center of the table in bold (style TableName); the number of the table (if there is more than one table) is placed on the right of the table in italics (style TableNumber). The interval before the word Table is of 6 pt, the interval after the title is of 6 pt. There is one empty line after the table.

Table 1

The title of a table

| Month | Object | Model |
|----------|--------|-------|
| January | 11855 | 10349 |
| February | 9536 | 9822 |
| March | 9941 | 9372 |
| April | 9100 | 9007 |
| May | 8196 | 8743 |
| June | 8437 | 8600 |

| Month | Object | Model |
|-----------|--------|-------|
| July | 9017 | 8604 |
| August | 8789 | 8793 |
| September | 8938 | 9219 |
| October | 10494 | 9951 |
| November | 10625 | 11082 |
| December | 12864 | 12739 |

5. Figures

Pictures, graphics, and photographs are inserted in the text and, additionally, submitted as separate graphic files in the form of separate objects that may be corrected or changed; their dimensions have to meet the page requirements (style Figure). The figures are signed and numbered (if there

is more than one figure) beneath; the captions are centered and typed using size 9, in italics (style **FigureName**). Photos and photocopies must be legible and clear and suitable for copying. All images must be bitmap and saved in *.tiff or *.jpeg format with a resolution of at least 300 dpi. The interval before the figure is of 6 pt, the interval after the figure is zero. The interval before and after the figure caption is of 6 pt.

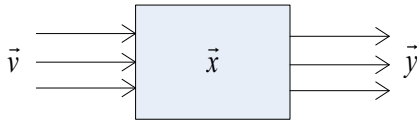


Fig. 1. The description of a macromodel object.

6. Conclusion

The main results of the work are outlined; their importance is emphasized, and the examples of their possible application are described.

7. References

References are numbered in the order in which sources are cited or mentioned in the text, in square brackets.

First and last names of authors and titles of journals in languages that do not use Latin alphabet (e. g. Ukrainian) are typed using Latin letters, font: Times New Roman, type size 10, line spacing 1.1 (style **References**).

The references to articles published in magazines, collections, and conference proceedings may have the following structure: authors' names (transliteration if necessary), the title of the paper in English, the name of the source (transliteration if necessary), publishing data, and the indication of the language the article is written in (in parentheses) if it is different from English. The transliteration of Ukrainian sources should be done in compliance with the Resolution of the Cabinet of Ministers of Ukraine of January 27, 2010, № 55 "On Latin transliteration rules of the Ukrainian alphabet" (<http://zakon4.rada.gov.ua/laws/show/55-2010-%D0%BF/conv?test=XX7MfyrCSgkyf1rZiyjpdAxHI4qEs80msh8Ie6>).

Please use IEEE bibliographic style.

An example of references' structure is given below.

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The given article sets up guidelines for preparing papers for “Computational Problems of Electrical Engineering” (CPEE). The abstract is typed using type size 9 (style *Abstract_Text*) and translated into Ukrainian.



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