

PREPARATION OF PAPERS FOR CPEE

(FONT: TIMES NEW ROMAN, TYPE SIZE: 14, UPPERCASE LETTERS, BOLD, INTERVAL BEFORE AND AFTER: 12 PT, STYLE TITLE)

Last names and initials of authors

(font: Times New Roman, type size 12, line spacing: 1,1; style Closing)

Affiliation (font: Times New Roman, type size 10, line spacing: 1.1; style Affiliation)

E-mail (шриффт Times New Roman, type size 10, line spacing 1.1; style Affiliation)

**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 no more than 50 words.

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

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

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;  $F, G, C, D$  – the matrices of macromodel coefficients;  $\Phi$  – 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).

Table 1

The title of a table

Month	Object	Model	Month	Object	Model
January	11855	10349	July	9017	8604
February	9536	9822	August	8789	8793
March	9941	9372	September	8938	9219
April	9100	9007	October	10494	9951
May	8196	8743	November	10625	11082
June	8437	8600	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.

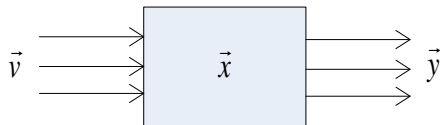


Fig. 1. The description of a macromodel object

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

### 7. Conclusion

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

### 8. Reference

Last names of authors and names of journals in Ukrainian or Russian are typed using Latin letters, font: Times New Roman, type size 10, line spacing 1.1 (style *References*).

The references to Ukrainian articles published in magazines, collections, and conference proceedings may have the following structure: authors' names (transliteration), the translated title of a paper in English, the name of a source (transliteration), publishing data, and the indication of the language the article is written in (in parentheses). The transliteration 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://zakon2.rada.gov.ua/>). An example of reference's structure is given below.

### Reference

1. Копылов И. Математическое моделирование электрических машин. – М.: Высшая школа. – 2001. – 327с.

2. Isidori A. Direct Construction of minimal bilinear realization from nonlinear input-output maps // IEEE. – 1973. – Vol. AC-18, № 6. – P. 626-631.

3. Vasyliuk V., Dorozhivska M, Liubinetska B., Shkliarskyi V. Features of Execution of the Converter Pressure in Scanning a Television Optical Microscope // Proceedings of the XII International Conference "Modern Problems of Radio Engineering, Telecommunications and Computer Science TCSET'2012". Ukraine.– 2012. – P 135.

### AN EXAMPLE OF A SCIENTIFIC SOURCE'S TRANSLITERATION

4. Kopylov I. Mathematical modeling of electrical machines. – Moscow, Russia: Vysshaya shkola. – 2001. – 327p. [Rus]

UDC 621.372

### The title of a paper (style *Abstract\_Title*)

Last names and initials of authors (style *Abstract\_Avtor*)

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*)



It is necessary to provide the last name, first name and patronymic of every author, his/her short biographic data (please provide colour pictures of authors with the frame size of 3x4 cm, the information regarding acquired education, their affiliation and the area of scientific interests).