First name and LAST NAME[[1]](#footnote-1)\* (11 points)

INSTRUCTIONS FOR AUTHORS OF ARTICLES
(title of the paper 13 points, space between lines
at least 15 points, font in bold)

**Keywords:** *write in Times New Roman CE, font size 9 points, space between lines at least 11 points, italics)*

 The instruction presents the arrangement and technical requirements concerning preparation of articles intended for publication in series of WUTS Scientific Works. The work should be prepared in any version of the text editor Microsoft Word and submitted as a .doc or .docx file. Format of the book after cutting is 17 × 24 cm, however format of column - 13.5 × 19 cm + 1 cm for the page number. Before the text of the article write short **summary** (preferred 7-12 rows) with typeface Times New Roman (font size 9 points, line spacing at least 11 points).

1. TEXT OF THE ARTICLE (TITLE 11 P.)

1.1. the WAY OF PREPARING TEXT (title 9 p.)

The text of the paper should be typed in Times New Roman. The main text should be written in 11-point font, line spacing at least 13 points, for the full width i.e. 13.5 cm, first-line indentation - 0.5 cm. Do not put blank lines between individual paragraphs of text. During the formatting it should be avoided leaving conjunction hanging at the end of the line (e.g. “a”), the first line of a paragraph at the end of the column and the last lines in a paragraph on the new column. Hyphenation or a hard space can easily help with that. The last line of the paragraph should consist of at least 5 characters. Do not replace the parentheses with slashes. Ranges of the value should be written with no gap but using a dash, e.g. 3-4. The height of the pages should be the same throughout the whole article. Footnotes[[2]](#footnote-2)1 appearing in the text should be numbered continuously within the whole article. The page settings in the article and the spacing for chapter titles should be read and followed as well.

1.2. MATHEMATICAL FORMULAS AND TABLES

The mathematical formulas should be written in 11 points on the column axis (centered) with the number of the formula in round brackets moved to the right edge of the column (as in the example below). Formulas and tables should be numbered within the article, e.g. (1). Symbols of variables in formulas and in the text (this also applies to large and small Greek symbols) should be written in italics. Moreover, in italics it should be typed the markings in subscripts and superscripts, except for two- and three-letter abbreviations, created of the first letters of words (e.g. imin). Normal (not in bold, not in italics) font should be used for abridgements of mathematical functions (e.g. sin, cos), operators, symbols of measures, weight, time, numbers, brackets in formulas. Spacing between the formula and the text - 12 p.

 $\left(x+a\right)^{n}=\sum\_{k=0}^{n}\left(\genfrac{}{}{0pt}{}{n}{k}\right)x^{k}a^{n-k}$ (1)

The font size and style are defined as follows:

normal – 11 p.

subscript / superscript – 7 p.

sub-index – 5 p.

symbol – 18 p.

subordinate symbol – 12 p.

text, function, symbol – antiqua

variable, Greek – italics

number – antiqua

matrix – antiqua col.

In the formula editor, after specifying the equation style, it is asked to enter tabulators (given here: 6.75 cm centered and 13.5 cm to the right). Formulas in the text without indexes or other advanced equation structures should be made directly from the keyboard, not the editor of formulas.

Tables numbered sequentially are supposed to be typed in size 9 p. (including the title). Spacing between lines it is asked to be at least 11 p. Title of a table in Polish and English with an indication of the source should be centered. Spacing between the text and the title of a table should be in size 12 p. and between the title of a table and the table itself - 6 p. Spacing between the table and the text is supposed to be 12 points.

Tab. 1. Vehicle service repairs per year [1]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Numer pojazdu | 1 | 2 | 3 | 4 |
| Ilość napraw w roku | 6 | 2 | 4 | 9 |

1.3. PUNCTORS

Basic bullet points should be used to list items briefly. Paragraph settings - left indent 0.5 cm, Times New Roman font, size 11 p., line spacing at least 13 points.
Example:

* first bullet point,
* second bullet point,
* third bullet point.

2. IlLustraTIONS

2.1. ILLUSTRATIONS AND THEIR ARRANGEMENT

Illustrations should fit in the print area of the page, including the space for a signature.

Drawings, graphs and photos should be numbered consecutively within the ar-ticle. Captions should be located under the drawings on the drawing axis (centered). Spacing between pictures and text is supposed to be in size 12 p. However, spacing between the picture and the caption should be written in 6 points fonts. Then, spacing between the caption and the text is supposed to be 12 p.



Rys. 1. KN Logistics logo [2]

Captions under drawings should be written in 9 points height characters, spacing between lines 11 points. Photos and drawings prepared in computer programms or scanned should be placed in article. All images in the text should be attached in grayscale . In case of any problems, pictures can be sent by e-mail as an attachment to the article.

To the drawings prepared in Excel it’s obligatory to attach spreadsheet. However, this format is not so safe because of its instability (the ease that drawing can change during adjusting). It is asked to embed in the article the Excel files as drawings, not as charts.

It is asked to write in italics symbols of variables (also in case of Greek), geo-metric points, the indications of functions. Constants designated by single letter (e.g. Planck *h*) should also be written in italics. Numbers, indications, shortcuts of units, special numbers (π, e), symbol Δ (if it means the increase of values) should be written in normal font. Indications of vectors, matrices should be written by simple, halfbold letters. The integer number should be seperated by a comma from decimal number (e.g. 1,2 m), the values ranges should be written without spoilings, using halfpausse (e.g. 3-45 MPa). For plotting drawings in graphic computer programs it is asked to use the thickness of lines from 0,5 p. (0,2 mm). In drawing there should be no colourful lines that after black and white printout are usually scantily or totally unreadable.

Literature (11 pOINTS)

In the text, while refering to literature, it’s been asked to use square brackets, e.g.[3]. Literature index common for the whole thesis should be listed after the main text, necesarry in the order of using the sources in the text.

Bibliographic description of the quoted literature using height of characters – 9 points, spacing between lines minimum 11 points, hanging indentation 0,6 cm. It’s obligatory to specify authors’ last name, the first name’s initials, book title (in italics) or alternatively magazine’s edition number, volumen’s number, issue number, additionally page number at the quoted article, (in compact texts) publishing house, the place and date at the issuing authority.

[1] BRANDT A.M., *Zastosowanie doświadczalnej mechaniki zniszczenia do kompozytów o matrycach cementowych*, [w:] Mechanika kompozytów betonopodobnych, pod red. A.M. Brandta, Ossolineum, Wrocław 1983, 449–501.

[2] NOWACKI W., *Plasticity of polycrystal*, PWN, Warszawa 1987, 687–704.

[3] LIU T.-C., LI R.-K., *A new ART-counterpropagation neural network for solving a forecasting problem*, Expert Systems with Applications, 2005, Vol. 28, No. 2, 21–27.

In the case of an online source, please provide the full link to the website and the date on which it was accessed. Put the access date in parentheses. Example:

[4] www.translogistics.pwr.edu.pl (access: 01.03.2022)

The structure of the article should be in accordance with the diagram below.
However, there is no specific number of chapters which the article should consist of:

TITLE

KEY WORDS

ABSTRACT

1. INTRODUCTION

2. CHAPTER

2.1. SECTION

2.1.1. SUBSECTION

…

3. CHAPTER

…

5. SUMMARY

LITERATURE

**Attention!** The text of the instruction above has been written in accordance with all editorial guidelines for writing articles and may serve as a model for the authors to write their articles.

1. \* Name of the institution represented by the author, address – should be written 9 points under a 2 cm long line. [↑](#footnote-ref-1)
2. 1 Footnotes should be written in 9 points and spacing at least 11 points. [↑](#footnote-ref-2)