

UDC

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TEMPLATE FOR PREPARING PAPER (PAPER TITLE)

Introduction

This electronic document is a “live” template. The various components of your paper [title, text, heads, etc.] are already defined on the style sheet, as illustrated by the portions given in this document.

This template, modified in MS Word 2007 and saved as a “Word 97-2003 Document” for the PC, provides authors with most of the formatting specifications needed for preparing electronic versions of their papers.

The template is used to format your paper and style the text. All margins, column widths, line spaces, and text fonts are prescribed; please do not alter them. You may note peculiarities. For example, the head margin in this template measures proportionately more than is customary. This measurement and others are deliberate, using specifications that anticipate your paper as one part of the entire proceedings, and not as an independent document. Please do not revise any of the current designations.

This template has been tailored for output on the A4 paper size. Top margin is 1,8 cm wide, bottom margin is 3,0 cm wide, left and right margins are 2,25 cm wide. It should be in a two-column format (columns are 8 cm wide, interval between columns is 0,5 cm wide).

In general, a full manuscript consists of "Introduction", "Objectives", "Methods", "Results", "Discussion" and "Conclusions".

Authors and Affiliations

Line 1 is the Universal Decimal Classification (UDC). This internet resource (<http://teacode.com/online/udc/>) is the information and help system that describes the

Universal Decimal Classification. We will help foreign authors to find correct UDC.

Line 2 is authors and affiliations.

ORCID (<http://orcid.org/>) provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.

Abstract

The abstract should concisely state the purpose of the investigation and summarize the important conclusions. It should be a single paragraph of generally no more than 200 – 250 words. It is recommended to include in abstract such parts: purpose, methodology, findings, originality, practical value. It is issued on three languages (Ukrainian, Russian, English) in a special format as a separate file or at the end of the paper.

Materials and Methods

Present the research design, research type, research duration, inclusion/exclusion criteria, choice of subjects, etc. Describe the methodology completely, including sample collection, processing, lab analysis, statistical tests used for data analysis etc. Use section headings/subheadings in a logical order to entitle each category or method.

Equation Format

Do not create equations as pictures. Use Microsoft Equation 3.0, MathType 5.0 or insert symbols as normal text.

The equations are an exception to the prescribed specifications of this template. You will need to determine whether or not your equation should be typed using either the Times New Roman or the Symbol font (please no other font). To create multileveled equations, it may be necessary to treat the equation as a graphic and insert it into the text after your paper is styled.

Number equations consecutively. Equation numbers, within parentheses, are to position flush right, as in (1), using a right tab stop. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Italicize Roman symbols for quantities and variables, but not Greek symbols. Use a long dash rather than a hyphen for a minus sign. Punctuate equations with commas or periods when they are part of a sentence, as in

$$a=b+c. \quad (1)$$

Figures and Tables

Each figure should have a caption. The caption should be concise and typed separately, not on the figure area. All figures are to be sequentially numbered with Arabic numerals. Figures should always be cited in consecutive numerical order.

Place figures (fig. 1) and tables (table 1) at the top and bottom of columns. Avoid placing them in the middle of columns. Large figures and tables may span across both columns. Figure captions should be below the figures; table heads should appear above the tables. Insert figures and tables after they are cited in the text. Use the abbreviation “Fig. 1”, even at the beginning of a sentence.

Figures must be created at a minimum resolution of 300 dpi to avoid bad printing quality. For fuzzy or jagged figures, authors are required to replace it or send the original figure file to us for reproduction.

Tables in the main body of the text should be numbered consecutively according to its appearance in the text. Cite each table in numerical order.

Acknowledgements

We are very grateful to experts for their appropriate and constructive suggestions to improve this template.

Conclusion

Any comments and suggestions are welcomed so that we can constantly improve this template to satisfy all authors’ research needs.

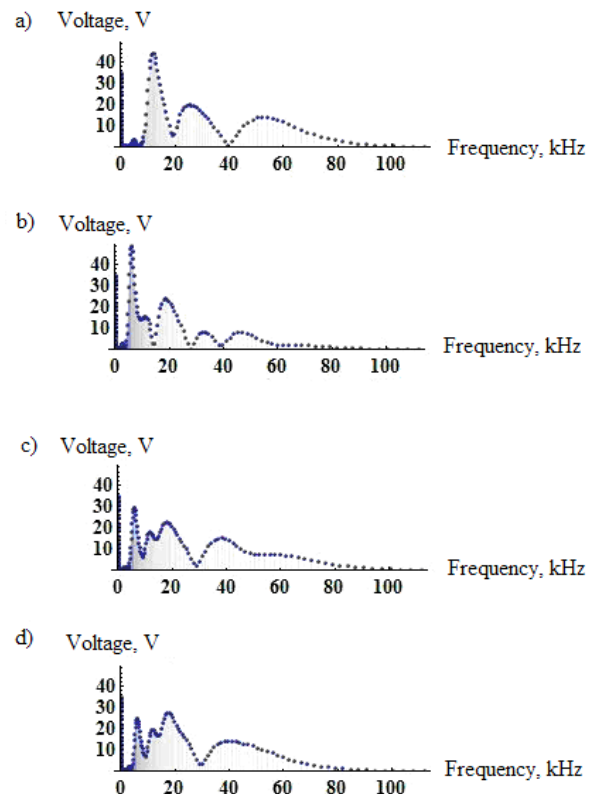


Fig. 1. Example of a figure caption:
a) part of figure; b) part of figure and etc.

Table 1

Table Styles

Table Head	Table Column Head	
	Subhead	Subhead
Text	1	2
Text	3	4

Table footnote: Table tools in Microsoft Word are recommended for inserting a table.

References

All sources cited in text must appear in the reference list, and all items in the reference list

must be cited in text. With the numerical system, references are arranged in the reference list so that they match the order in which they are cited in the text. Refer simply to the reference number, as in [1] and do not use “Ref. [1]” or “reference [1]” except at the beginning of a sentence: “Reference [1] was the first ...”. The bibliographical items should be listed in alphabetical order or in order of mention.

Authors are requested to check all references for completeness, including author names, paper title, publisher, journal heading, Volume, Number, pages for journal citations, Year.

Examples of the references (journals, book and electronic resources) are given below.

1. Harriman, S. K., Magnetic Sensor Design for Femtotesla Low-Frequency Signals [Text] / S. K. Harriman, E. W. Paschal, U. S. Inan // IEEE Transactions on geoscience and remote sensing. – 2010. – Vol. 48. – No. 1, January. – P. 396-402.
2. Khalil, T. M. Selective particle swarm optimization [Text] / T. M. Khalil, A. V. Gorpinich // International Journal of Multidisciplinary Sciences and Engineering (IJMSE). – 2012. – Vol. 3. – No. 4. – P. 1-4.

УДК 550.388.2

Іванов, Т. М. Вимоги до оформлення статей [Текст] / Т. М. Іванов, О. В. Швець // Електромагнітна сумісність та безпека на залізничному транспорті. – 2016. – Ном. 11. – Дніпропетровськ: Вид-во ДНУЗТ, 2016. – С. 11–18.

Анотація може бути структурована за запропонованою схемою.

Мета. Представити основні наукові досягнення, отримані у результаті наукової роботи.

Методика. Результати. Загальний обсяг анотації 200...250 слів. **Наукова новизна. Практична значимість.** Нижче приводиться загальна кількість ілюстрацій, таблиць та літературних джерел, використаних у статті.

Іл. – 4, табл. – 2, список літ. – 16 назв.

УДК 550.388.2

Іванов, Т. М. Требования к оформлению статей [Текст] / Т. М. Иванов, А. В. Швець // Электромагнитная совместимость и безопасность на железнодорожном транспорте. – 2016. – Ном. 11. – Днепропетровск: Изд-во ДНУЗТ, 2016. – С. 11–18.

Аннотация может быть структурирована по предложенной схеме.

Цель. Представить основные научные достижения, полученные в статье. **Методика.**

Результаты. Общий объём аннотации 200...250 слов. **Научная новизна. Практическая**

3. Zeveke, G. V. Basics of the circuit theory [Text] / G. V. Zeveke, P. A. Ionkin, A.V. Netushil, S.V. Strakhov. – Moscow: Energoatomizdat, 1989. – 528 p.
4. Voelcker, J. Lithium Batteries Take to the Road [Electronic Resource] / J. Voelcker // IEEE Spectrum. – 2007. – URL: <http://spectrum.ieee.org/transportation/advanced-cars/lithium-batteries-take-to-the-road>
5. Application of Life-Cycle Assessment to Nanoscale Technology: Lithium-ion Batteries for electric vehicles [Electronic Resource] / United State Environmental Protection Agency: EPA 744-R-12-001. – April 24, 2013. – 120 p. – URL: <http://www.epa.gov/dfe/pubs/projects/lbnp/final-li-ion-battery-lca-report.pdf>

Ключові слова: we can help to translate the key words in Ukrainian for foreign authors.

Ключевые слова: we can help to translate the key words in Russian for foreign authors.

Keywords: component; formatting; style; styling; insert (up to 5 words in English).

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It is accepted to publish ???.??.????.

значимость. Ниже приводится общее количество иллюстраций, таблиц и литературных источников, использованных в статье.

Ил. – 4, табл. – 2, список лит. – 16 назв.

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Ivanov, T. M. Template for preparing paper [Text] / T. M. Ivanov, A. V. Shvets // Electromagnetic compatibility and safety on railway transport. – 2016. – No 11. – Dnipropetrovsk: DNURT, 2016. – P. 11–18.

The abstract can be structured according to the proposed scheme.

Objective. The purpose is to present the main scientific achievements obtained in the paper.

Methodology (technique). Results. The volume of abstract is 200...250 words. **Scientific novelty. Practical value.** The total number of illustrations, tables and references used in the paper is given below.

Ил. – 4, the table – 2, ref. – 16 names