

REQUIREMENTS FOR ARTICLE FORMATTING

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UDC

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SELECTING OPTIMUM DESIGN PARAMETERS FOR SOLID-PROPELLANT ROCKETS

Abstract (Ukrainian)

Abstract (English)

Page parameters

Use the A4 page size (210 × 297 mm). The margins are 25 mm top, 15 mm bottom, 15 mm right, and 25 mm left. The first page of the article shall provide its DOI (Digital Object Identifier) in the <https://doi.org/> format in the left upper corner, and the UDC (Universal Decimal Classification) index below. Use Times New Roman, 12 pt, regular, with 12-point spacing after each paragraph.

Authors

Use Times New Roman, 12 pt, regular. Paragraph formatting: centered. Spacing: 12 points after the paragraph. Do not use spacing before the paragraph. Do not use indentation on the right and on the left. Do not use word hyphenation. Keep all lines together in the paragraph. Keep the paragraph next to the one before it. Use the single line spacing.

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Abstract

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Use Times New Roman 12 pt for the article's body. The text format should be bicolumnar. Paragraph formatting: justified. Use 0.5 cm left indents for the first line in each paragraph. Do not use spacing before and after the paragraph. Do not use indentation on the right. Use the single line spacing. Use word hyphenation. The width of each column is 8 centimeters. The interval between the columns is 1 centimeter.

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For the subheaders, use Times New Roman, 12 pt, semibold, regular. Paragraph formatting: along the left margin. Indentation: 0.5 cm on the left for the entire subheader. Spacing before the paragraph is 12 points. Spacing after the paragraph is 6 points. Do not use right indentation. If the subheader starts with the first line in the column, do not use spacing before the paragraph.

Tables

Table 1

Table's title	
Column title: 8-12 pt font	Column title: 8-12 pt font
Cell text: 8-12 pt font	Cell text: 8-12 pt font

Adhere to placing each table within one column. The table's width should not exceed 8 centimeters. If necessary, a table may be extended to the entire width of the page. Use the Times New Roman, 8-12 pt font for the tables. Selecting the maximum font size, i.e., 12 points, is recommended for legibility purposes. Use single line spacing. Do not use left and right indentation. The word **Table** is placed atop the table along the right margin using Times New Roman, 12 pt, regular. The table is assigned a sequential number if the article

contains several tables. Use 12-point spacing between the main text and the word **Table**. The table's title is placed before the table using Times New Roman, 12 pt, with no indentation on the right and left. The table's title should be centered. The spacing between the word **Table** and the table's title is 6 points. The spacing between the table's title and the table itself is zero. The spacing after the lowermost line of the table and subsequent text is 8 points.

The article shall contain references within the text to each table.

Formulas

Adhere to placing each formula within one column. If necessary, a formula may be extended to the entire width of the page. Use standard formula editing tools, such as **Microsoft Equation 3.0 or Math Type 6.0**. The formulas shall be centered. Use 12-point size for the main text, 7 points for large indexes, 5 points for small indexes, 18 points for large symbols, and 12 points for small symbols. Paragraph settings: use 6-point spacing between the formula and the main text, or the key to the symbols in the formula. The spacing between the formula's legend and the main text is 6 points. Do not use indentation on the left and right. If the text does not contain a reference to the formula, it is not numbered. The formula's number should be centered relative to the formula along the right margin. The formula's legend should follow immediately under the formula, starting with **where:** and followed by explanations for the symbols in the formula:

$$E = mc^2, \quad (1)$$

where **E** is the energy, **m** is the mass, and **c** is the speed of light.

Explanations for each symbol shall start with a new paragraph in accordance with the sequence of the symbols in the formula. If necessary, explanations may stay within one paragraph, omitting the splitting of explanations for every variable into separate paragraphs.

References to bibliography

References to the article's bibliography are

placed in square parentheses, specifying the sequential number of the source and the number of the respective page after a comma, if necessary. For example: [1, p. 25]. If a reference addresses several sources, their numbers in the bibliography list are placed within the same parentheses, separated with commas. For example: [1, 3, 6, 9]. When referencing specific pages, use semicolons for separation: [1, p. 25; 3, p. 74; 6, p. 132].

Figures

Adhere to placing each figure within one column. The width of each figure should not exceed 8 centimeters. If necessary, a figure may be extended to the entire width of the page.

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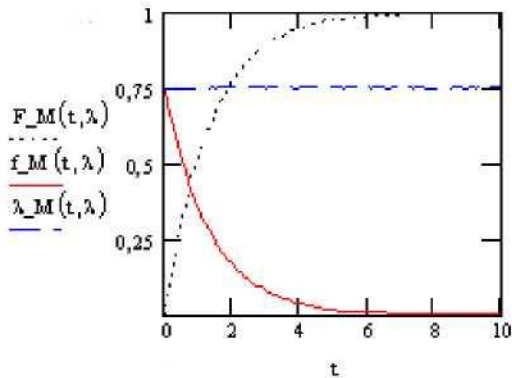


Fig. 1: A graph example:

$F_M(t, \lambda)$ and $f_M(t, \lambda)$ are the function and the density of the distribution of time intervals between the events within a sequence, $\lambda_M(t, \lambda)$ is the intensity of the events within a sequence, and $\lambda = 0.75$

Use the following parameters for the lines and fonts in the figures:

- The thickness of axes and marks is 0.25 mm.
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- The thickness of the primary lines is 0.5 mm.

Do not use coloring within the area of the diagram or graph. Do not use auxiliary divisions: the number of figures shall match the number of divisions. Do not use a frame for the diagram's area. The names of the axes shall be capitalized.

Considering that the Collection is monochromic, use dashed lines instead of colored lines in the graphs and diagrams.

Raster images (pictures) shall be placed at the lower line level and aligned along the right margin.

Bibliography

The referenced sources are listed at the end of the article. Use Times New Roman, regular, 12 pt, and single line spacing for the bibliography list. The numbers and the reference text shall be aligned along the left margin with 0.5-cm indents.

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Information about the authors

Indicate the first name, the last name, and patronymic (in Ukrainian and English), as well as the position and the place of work (the full name of the department).

Example: Ihor Volodymyrovych Ivanov, leading researcher in the R&D department of Yuzhnoye State Design Office.