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## RECENT CONTRIBUTIONS TO PHYSICS: AUTHOR GUIDELINES AND ARTICLE TEMPLATE NO MORE THAN 15 WORDS

**Abstract.** Calibri Light 11 type font, with single line spacing. This document provides a structured template and mandatory formatting instructions for preparing manuscripts submitted to the journal *Recent Contributions to Physics*. Authors are required to strictly follow the structure, formatting rules, and citation style described below. The abstract is written in one paragraph; abstract lengths ranging from **170 - 250** words. Should clearly state: research purpose, methods, key results, scientific novelty and significance. Do not include references, formulas, or abbreviations unless necessary.

**Keywords:** 6-8 keywords or short phrases, separated by commas, avoid repeating words from the title, avoid unusual referrals and use of abbreviations.

### Article Metadata in Kazakh and Russian:

After the English section, provide: Author(s) name(s), Affiliation(s), Article title, Abstract, and Keywords.

For manuscripts submitted by **foreign authors**, the preparation of Kazakh and Russian metadata is not required. The editorial board will provide professionally verified translations.

## Introduction

Times New Roman **11** fonts, with 1 spaced line spacing.

All manuscripts submitted to *Recent Contributions to Physics* must be prepared strictly in accordance with the **IMRAD** (Introduction, Materials and Methods (or Research Methodology), Results, And Discussion) structure, which is the internationally accepted standard for scientific publications and is required for indexing in major academic databases.

In Introduction describe the research background and relevance. Define the problem statement. Review key related works. Clearly state the research objectives and novelty.

Avoid the sub-sub in the introduction.

In-text citations are mandatory and must be provided for all sources included in the reference list. Citations should be indicated by Arabic numerals in square brackets [1,2] and numbered in ascending order according to their first appearance in the text [3].

## Materials and Methods (or Research Methodology)

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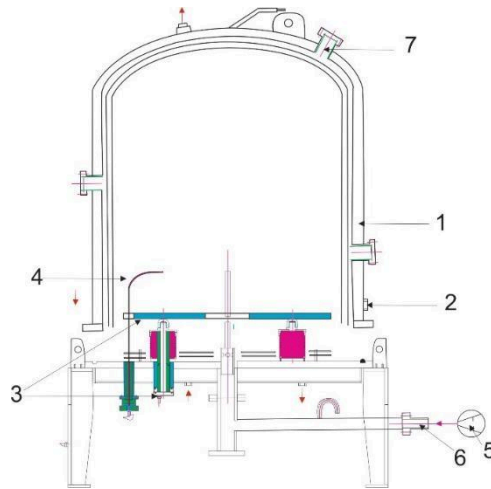
Describe the materials and methods used in the research, including the subjects / materials studied, the tools used, the design of the experiment or the design used, the sampling technique, the variables to be measured, the data retrieval technique, the analysis and the statistical model used.

Ensure reproducibility of results.

If applicable, include algorithms, models, or research workflow. If using a well-known method, name the method name only. If necessary, specify the reference source used as a reference.

### Formatting of figures and tables

Figures and tables must be referenced in the text. All figures must be of high quality (minimum 300 dpi). Example: Figure 1 and Table 1.



**Figure 1** – Title of the drawing

**Table 1.** Title of the table

Alloy	Content of chemical elements, wt. %				
	Mg	Zn	Zr	Nd	Ag
NZ30K+Ag	95.57	0.69	0.86	2.79	0.09

### Formatting of Mathematical Expressions

All mathematical expressions and equations must be created using the built-in equation editor of the word processor (e.g., Microsoft Word Equation Editor).

Equations must be clearly formatted and placed on separate lines when referenced in the text.

Each equation must be numbered consecutively using Arabic numerals in parentheses, aligned to the right margin:

$$A\{f(t)\}(u) = \int_0^{\infty} f(t)e^{-ut}dt, \quad u > 0. \quad (1)$$

Only equations that are explicitly referenced in the text should be numbered. Symbols, variables, and parameters must be defined either immediately after the equation or at their first occurrence in the text. Consistent notation must be used throughout the manuscript:

The Aboodh transform is a useful integral transform for solving differential and fractional differential equations. For a given function  $f(t)$ , it is defined as:

### Results and discussion

Present obtained results clearly and logically. Use tables and figures where appropriate. Discuss results in comparison with previous studies. Avoid repeating numerical data already shown in tables or figures

### Conclusion

Summarize key findings. Highlight scientific and practical significance. Indicate limitations and directions for future research.

### Acknowledgments (optional)

Acknowledgments are generally placed after the conclusion. Contains gratitude to the funding agencies, and/or individuals who have assisted in the execution of research and the writing of manuscripts.

## References

References must meet the following requirements:

Only scientific publications published within the **last 5–7 years** should be cited. At least 70% of references must be in English. In special cases, references to books, websites, or reference materials are allowed.

All references must be formatted strictly according to the **APS (American Physical Society) style**. If a reference is not in English, the original language must be provided, with a transliteration in square brackets indicating the original language.

1. S. Liu, Y. Zhang, B.A. Malomed, and E. Karimi, Experimental realizations of the fractional Schrödinger equation in the temporal domain, *Nat. Commun.* **14**, 222 (2023). <https://doi.org/10.1038/s41467-023-35892-8>
2. K.K. Khairoshva, L. Sapina, , A.K. Imanbayeva, Comparative analysis of cloud and fog computing performance based on modeling, *Recent Contributions to Physics* **1**(92), 120–127 (2025). <https://doi.org/10.26577/RCPH202592113>
3. International Encyclopedia of Education, 4th Edition. Eds: Robert J Tierney, Fazal Rizvi, Kadriye Ercikan, (Elsevier Science, 2023). [STEM Education - an overview | ScienceDirect Topics](#)
4. J. Smith, Introduction to Statistical Mechanics, 2nd ed. (Cambridge University Press, Cambridge, 2020).
5. A. Агишева, С. Хохлов, & А. Агишев, Обсуждение свойств аккреционного диска в двойной системе по результатам SPH-моделирования, *Recent Contributions to Physics* **1**(92), 25–37 (2025). [*A. Agisheva, S. Khokhlov, & A. Agishev, Obsuzhdeniye svoystv akkretsiionnogo diska v dvoynoy sisteme po rezul'tatam SPH-modelirovaniya. Recent Contributions to Physics 1(92), 25–37 (2025)*]. (in Russ). <https://doi.org/10.26577/RCPH202592113>

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- The journal applies double-blind peer review
- The journal operates under the Gold Open Access model

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