

**RULES AND REQUIREMENTS FOR ARTICLES
PUBLISHED IN THE JOURNAL
"RADIOELECTRONIC INDUSTRY: PROBLEMS AND THEIR
SOLUTIONS"**

The journal publishes scientific articles in the field of technical sciences (according to the Nomenclature of scientific specialties, see clause 1.3 of the Regulations).

The article (with the exception of reviews) should contain new scientific results.

The article should correspond to the subject and scientific level of the journal.

The article must be designed in full accordance with the Rules and requirements for articles published in the Journal (see paragraph 3 Requirements for the design of articles for publication in the journal "**RADIOELECTRONIC INDUSTRY: PROBLEMS AND THEIR SOLUTIONS**").

The requirements and rules for the design of articles in the Journal presented below are developed on the basis of the requirements of the RSCI and the Higher Attestation Commission (HAC) are generally recognized, and contain materials for publishing the results of candidate and doctoral dissertations and their consideration is carried out at the editorial board, where a decision is made on the possibility of publication in the next issues of the journal. The rules may be supplemented and changed.

If there are errors, the manuscripts are not returned to the authors, but a refusal is written about the possibility of publication in the journal.

Articles published in our Journal should be of a scientific nature (as a rule), they can also be analytical, which address organizational, technical and methodological issues, as well as provide reasonable suggestions for solving a problem (not only the solution itself). Of great interest are various concepts for solving various tasks in the radioelectronic industry.

Recommendations for the presentation of the material in the articles:

It is recommended to indicate the Universal Decimal Classification Index (UDC) at the beginning of each author's article. The indexing methodology in the UDC system is a set of rules for building an index of concepts in the content of a certain document (GOST 7.90-2007).

The UDC index is determined by the author independently in accordance with the content of the material. The UDC is a generally accepted international document classification system that is used to organize reference and information databases. The UDC index is given in Russian in capital letters and numbers.

The author places in the article in order of priority: the title of the article, information about the author(s), a short abstract, keywords, the main text of the publication and a list of references used by the author in the preparation of the manuscript.

The title of the author's material (article) must correspond to the meaning and content of the main part. The name is given in capital letters in Russian and English. It is recommended to use concise and concise names.

Information about the author (authors and co-authors) includes: initials and surname; academic degree, academic title (if any); place of work (service, study) - the abbreviated name of the institution or organization; contact information - phone and (or) electronic (postal) address, as well as other data at the discretion of the author, which will be used for placement in the journal article and on the publishing house's information site.

The information is provided in Russian and English. The name and surname of the author (authors, co-authors) are given in the nominative case. In collective works (articles, reviews, studies), the authors' information is given in the sequence they have adopted.

The abstract is placed after the information about the authors and is designed in accordance with the requirements for abstracts and annotations (GOST 7.9-95, GOST 7.598, GOST R 7.0.4-2006). The abstract is written in Russian and English, at least 150-250 words.

The abstract should contain a description of the published work in terms of its thematic focus, goals and/or results. Usually, the abstract reveals the relevance of the main topic (development, problem, object or subject of research) and provides its brief content, theoretical, methodological or practical significance. The abstract is a concise presentation of the research, a kind of summary of the author's work.

Keywords are selected by the author independently from the composition of the main terms and/or concepts used in the main text of the material, and placed after the annotation in a separate line, before the text of the main part, with a total of at least 10 words and phrases. Keywords are given in the nominative case in Russian and English.

The following is stated:

Introduction. This is the introductory part, in which the author presents an approximate statement of the task of further research, why he raises this issue, considers a problem or a scientific task (proposal), justifies the expediency of considering this issue, its novelty.

The main part. This part of the article should be a mathematical (verbal) statement of the problem, if such a problem is possible, if it is not, then the order of solving the problem, the presentation of the method proposed by the author, the model, the algorithm and the method of its solution. After the presentation, the author of the article makes a brief summary of what was obtained as a result of the study of the problem or problem, namely graphs, tables, algorithms, devices, etc. Graphs and tables are subject to description and an answer to the question of why they turned out exactly like that, as well as what influenced the process of obtaining them, what elements or what internal transients occurred.

Conclusion. The conclusion should address all the issues raised in the article up to the justification of the results obtained, how the result influenced the solution of the task and the result obtained as a whole. The conclusions should indicate where

and when the research result shown in the article can be used in the development of equipment and technology in general.

Literature. The list of references is compiled alphabetically by sources (authors) and is drawn up in accordance with the current requirements of the National Standard of the Russian Federation (GOST R 7.0.5-2008). The list is provided in Russian and English.

Presentation of scientific articles

Articles should be submitted to the Editorial Board:

- in printed form in 2 copies with the attachment of an electronic media CD-R/CD-RW or sent by e-mail;
- all files must be checked by an antivirus program.;
- with a minimum of formatting without using styles and templates;
- it is not allowed to set paragraphs and word breaks manually.

For the purpose of uniformity, it is necessary:

- use quotes like "herringbone";
- use the Alt 0150 keys to set the dash (–);
- do not replace the letter "e" with "ё", if a different understanding of the word is possible;
- put a period after the parenthesis if the sentence ends with a parenthesis;
- abbreviations should be written as follows: etc., etc., i.e.; abbreviated expressions are not separated when transferring;
- abbreviations of academic degrees should be written as follows: Candidate of Technical Sciences, Doctor of Economics and others, abbreviated expressions are not separated when transferring;
- in the middle of a doubled one-letter graphic abbreviation, a dot is placed only at the end, for example: centuries, years, pp.;
- within one article (one edition), a single form of abbreviation should be used, for example: G. – year, S. – page, etc. – others, ex. – copy, fig. - figure, table – table, e.g., for example, etc.; a dot is placed at the end of an abbreviated word;
- at the end of abbreviations formed by removing vowels, a period is not put, for example: million (million), billion (billion);
- write the names of positions with a lowercase letter, for example: general director, head of department, chief designer, etc.;
- write the names of departments and other departments of scientific and educational institutions with a lowercase letter, for example: collegium, presidium, academic council, scientific and methodological council, department, sector, etc.;
- with write academic degrees and personal titles in lowercase letters, for example: academician, corresponding member of the Russian Academy of Sciences, Honored Scientist, etc.;
- in compound words, which are traditionally written in capital letters GOST, OST, etc., in combination with registration numbers, do not add case endings to them, for example: in GOST 7.59–2003 (incorrectly); in GOST 7.59–2003 (correctly); the abbreviation is not transferable; the year of issue is rejected – (dash), for example: GOST 7.59–2003;

- surnames are not separated from initials and initials when transferring, the transfer inside the surname is allowed; initials and surname are written with spaces between words, there is no space between initials, for example: A.I. Smirnov;
- a rubricated note begins with a heading that is graphically italicized and separated from the text of the note by a dot, for example:

Note. When applying this document, it is advisable to check the relevance of the reference standards according to the relevant information indexes.

- the correctness of the headings, for example:

3. TERMS, DEFINITIONS AND ABBREVIATIONS

3.1. This document uses terms according to Federal Law... with appropriate definitions:

3.1.1. Certification (re-certification of experts): assessment and confirmation activities.

3.1.2. Certificate of competence of an expert: a document issued by the central authority of the System.

General requirements for the design of scientific articles

- the volume of the article, including annotations and keywords in Russian and English, tables, figure captions, bibliographic list should not exceed 15 typewritten pages, the number of figures should not exceed 4 (figures a, b are counted as two);

- the material of the article – the text, including annotations and keywords, a list of sources used, figure captions and tables, are made out in one file;

- formulas must be typed in *Math Type 7* or *MS Word* editor.

- graphic materials (illustrations, photographs, graphs, etc.) – separate files with the appropriate numbering (Fig. 1, Fig. 2, etc.) in *.jpg, *.png format. Slides of illustrations are not accepted as presentations;

- the universal decimal classifier (UDC) is indicated at the top of the first page of the text on the left.

The following are indicated with alignment in the center:

- the title of the article is in bold (centered), without hyphenation in CAPITAL LETTERS;

- a) the lines of the name are broken down by meaning using the Shift Inter keys;

- b) when splitting the title into several lines, prepositions and prefixes are transferred to the next line;

- c) dots in headings are not allowed;

- d) also, dots are not placed in subheadings if it is separated from the main text;

- information about the authors:

- a) the surnames and initials of the authors are indicated in lowercase letters, in bold;

- b) after the names of the authors, if available, the academic degree is indicated (abbreviated): Candidate of Technical Sciences, Doctor of Technical Sciences, Candidate of Military Sciences, Candidate of Ph.D.;

- c) after the surname of the authors (academic degree) a comma is placed and the abbreviated name of the organization, contact numbers, and e-mail addresses are given below (it is allowed to specify the contact phone number and e-mail address

of only the main author). If the authors are from different organizations, then the above requirements are met, a semicolon is placed and repeated also for another author. Alignment is done on the left,

for example: (12 font size)

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An abstract is printed below in italics one line apart. **Abstract:** it is also given in Russian and English, while the number of words should be from 150 to 250.

Keywords starting with are printed one line below from the words in bold: "**Keywords:**...». There must be at least 10 keywords.

The title of the article, information about the authors, abstract and keywords are provided in Russian and English.

The main text of the article is printed below in one line.

At the end of the article, "Literature:" is printed in one line with left alignment and a list with automatic or manual numbering is provided. If there is only one source, then the numbering is not set.

Additional requirements

Text Editor	Microsoft Word
Format	A4 format 210 x 297 mm
Fields	Upper and lower margins – 2 cm, left – 3 cm, right – 1 cm
The main text	Times New Roman
Headings of articles	14 paragraphs in bold CAPITAL LETTERS
Note	12 points in italics
The font size of the main text	14 points
The line spacing	One and a half (1.5)
Text alignment	To the page width
Paragraph indentation (red line)	1 cm

Page numbering	In the center
Drawings	<p>The size of the drawing should not exceed 14 × 20 cm, all symbols shown in the figures should be explained in the main or sub-pictorial texts.</p> <p>The name of the figure 14 points (centered alignment) is written as follows:</p> <p>Fig. 1. Vertical setting of tasks</p>
Formulas	<p>Formulas must be typed in Math Type 7 or MS Word in uppercase and lowercase (usually without tilt) using superscript and subscript characters, special characters, or in the MathType program (version 7.0 and higher). Exponents and indexes must be typed above or below the string of letter designations to which they relate: K^{12}, A_3, B^2.</p> <p>Formulas should be uniform and whole, i.e. it is unacceptable to type values in the same formula in different programs. After the formula, an explication should be given (a decoding of all the given letter designations of the quantities). The sequence of decoding letter designations must correspond to the sequence of the location of these designations in the formula. Only the most important formulas should be numbered, which are referenced in the following text</p>
Tables	<p>Tables (and links to them) must have consecutive ordinal numbers and headings. The text in the tables can be used in the size of 12 points, with line spacing – single. Units of measurement and letter designations of physical quantities must meet the requirements of GOST 8.417–2002 "GSI. Units of quantities", and the terms correspond to the requirements of the relevant state standards.</p> <p>The name of the table of 14 points (alignment by format) is written as follows:</p> <p>Table 3</p>

	<p>The success rates of performing the functions of the options for constructing the AS GFO and the cost of each of them</p>
<p>The list of sources used</p>	<p>In bibliographic references, the names of the authors and the names of journals and books should be indicated in the original transcription, the references are given in accordance with GOST 7.0.5–2008 "System of standards for information, library and publishing. Bibliographic reference. General requirements and rules of compilation". For books, indicate the surname and initials of the author, title, volume (part, issue), place, name of the publisher, year of publication. For journal articles – the surname and initials of the author, the titles of the article and the journal, the year of publication, volume or part, number (issue), pages. References in the text to sources indicated</p> <p>in the list of sources used are marked with numbers</p> <p>in square brackets, in the order of mention in the text, for example [1], [2-4]. The bibliographic list should include at least 2-3 works published in the last 10 years.</p> <p>The list of sources used "Literature:" 14 font size (subtitle left-aligned, text - by format) is written as follows:</p> <ol style="list-style-type: none"> 1. Forrester D. World dynamics. – M., 2003. – 384 p. 2. Burenok V.M., Gorgola E.V., Vikulov S.F. National security of Russia in the era of network wars. – M.: Border, 2015. – 190 p . 3. Burenok V.M., Naydenov V.G., Polyakov V.I. Mathematical methods and models in the theory of information and measurement systems. – M.: Mechanical engineering, 2011. – 336 p.

	4. Buravlev A.I. On the issue of assessing the power of the state // Economics and Management: Problems, solutions, 2016. – No. 1. – pp. 20-32.
The volume	To 15 pages, 1 printed page in 2 columns contains 5100 characters with spaces, 14 font, or 4500 characters if the page contains a drawing (picture)

Accompanying documents

1. Author's certificates for each author are issued in the form of a card in MS Word format, following the example:

The author's card

Surname	
Name	
Patronymic*)	
Academic degree*)	
Academic title*)	
Place of work	
Post	
Contact phone number	
Email address	
SPIN code*)	
Additional information**)	

* If available.

** Filled in at the request of the author. Information that the author wishes to additionally inform about himself may be indicated here. The indication of the given additional information in the journal remains at the discretion of the Editorial Board.

2. External review of the Candidate of Sciences or Doctor of Sciences

according to the scientific direction of the article, signed and stamped by the organization at the place of work of the reviewer (in the Word editor and in scanned form with a seal and signature in pdf and).

3. Certificate of the absence of data containing state secrets (forms established in your organization);

4. Anti-plagiarism check screen (for example <https://text.ru> / or <https://antiplagiatum.ru> /), with the uniqueness and novelty of scientific information of at least 75%.

5. Photo of the author(s).