

Guidelines for Authors

Manuscripts should be submitted to the *Teploenergetika* only in electronic form to teploen@mpei.ru, and they should comply with the following requirements. Manuscripts submitted by regular mail are not accepted.

1. Submissions should include electronic copies of copyright transfer agreements for publication in the Russian and English versions, which must be filled out and signed by all authors. Copyright transfer agreement forms are available from www.maik.ru or www.tepen.ru (the files copyright_eng.doc and copyright_rus_eng_teploen.zip).

Two hard copies of duly documented and signed agreements should also be submitted to the editorial office of *Teploenergetika* on at Krasnokazarmennaya ul. 14, Moscow, 111250 Russia.

By submitting a manuscript to the journal, the author(s) guarantee(s) that this manuscript has not been submitted to another journal, published, or is being considered for publication.

2. The permissible length of materials is 10–15 pages for a regular article, 6–8 pages for a short communication, and 20–30 pages for a review paper, including references, tables, and figure captions.

3. The text of a manuscript should be typed in Microsoft Word for Windows format using Times New Roman font with double spaces between lines, 30-mm right and left margins, and 25-mm top and bottom margins. The standard font size is 12 pt. The hyphenation function must be switched off.

Please make sure that lines within a paragraph are not separated by a carriage return (the lines should not be separated by pressing the Enter key).

4. An abstract (no less than 150 words) should fully reflect the content of the manuscript, including introduction, statement of the problem and methods for solving it, the main results, conclusions, and recommendations.

5. The abstract should be followed by keywords (seven to ten words).

6. **Formulas** should be typed in MathType; Latin symbols, in italics; and Greek letters, in Roman. Only formulas referred to in the text should be numbered.

7. **Units of measure** are separated from a number by a space (except for % and °C). The meaning of a physical quantity (and other notation, e.g. abbreviations) should be given after it appears in the text for the first time. It is not permitted to list physical quantities at the beginning or end of the manuscript.

8. Use a period in decimals.

9. There should be no more than ten figures for a regular paper and three for short communications, including their subdivision into panels.

10. **Tables** should come with titles. Tables are submitted in separate files and numbered in Arabic numerals in their order of mention in the text. The title of a table follows its number. All columns in the table must come with headers and be separated by vertical lines. Numerical data must strictly correspond to the rows. Do not abbreviate words in tables. If there is only one table with a header in the text, do not write the word *Table* and do not number it.

11. Authors should avoid repeating the same data in figures, tables, and text.

12. The cited references are given as a common list (numbered without brackets) at the end of the manuscript, and references in the text are given in the same sequence as in the list of references. In text, references are indicated in brackets. It is recommended that most of the references (up to 70%) be journal articles published within the last 2–3 years.

References to unpublished materials, internal reports of enterprises, and conference proceedings not accessible to a wide range of readers are not permitted.

List all authors, whatever their number. Do not use et al. and ibid.

13. Use physical quantities and notation adopted in the International System SI.

14. In preparing graphic files follow the recommendations given below:

(i) All illustrations must be black-and-white; color illustrations are permitted only subject to preliminary agreement with the editorial board for an additional fee.

(ii) The files of illustrations should be named so that it is clear to which manuscript they belong to and in what sequence they appear in the text; each file should contain one figure.

(iii) If the editorial board is unable to accept high-quality files of illustrations or turn them over to the publishing house, the authors may submit them additionally as attached files or as a reference to a file-exchange service to ced@maik.ru. In so doing, it is necessary to indicate the number and title of the journal, as well as the first author's surname.

Illustration requirements

- Illustrations should have a resolution of at least 150 dpi. Recommended resolutions are

- Halftone (color or grayscale), 225–300 dpi.

- Bitmap, 600–1200 dpi.

- Illustrations should not be narrower than 8 cm (one-column) or 17 cm (two-column).

- Line widths should not be less than 0.5 pt.

- Charts, diagrams, and schemes should be prepared using graphics editors (CorelDraw, Adobe Illus-

trator) and should be submitted in the respective formats (*.cdr, *.ai) or as encapsulated postscript (*.eps).

- For other illustrations, use *.tif and *.jpg formats.
- Photographs should be submitted in two versions. One should correspond to the original with text and notation, and the second should be devoid of text. The desirable formats are *.tif and *.jpg. The scales of gray should be between 9 and 93%.
- Dotted fill patterns in Noise and Black&White Noise software are prohibited.
- Do not place grids or gray shading on the background of graphs and schemes.
- Inscriptions on an illustration should not touch any of its parts.

All graphics files should be duplicated in *.doc format and included in one file.

15. General structure of a manuscript:

Title of manuscript

Authors (surname and initials). Place a lowercase letter in italics as a superscript after the author's name, which corresponds to the affiliation of each author (if there are several affiliations). Place the same lowercase letters in italics as superscripts before the respective affiliation.

The e-mail address of the corresponding author should be indicated

Affiliations

Abstract

Keywords

Addresses of organizations with post office indices

Text of the manuscript separated from keywords by three to four line spaces

References

Figure captions

The list of references should be followed by signatures of all authors.

16. A separate file should be provided with indication of the author's personal details (full names and surnames, positions and scientific degrees, post office addresses with post office indices, phone numbers with city codes, e-mail addresses and fax numbers). The name of the corresponding author should be indicated.

17. The following files should be submitted to the editorial office of *Teploenergetika* (teploen@mpei.ru):

- **A cover letter,**

- **Text** of the manuscript in *.doc format with figures and tables (one file) and text of the manuscript without figures and tables (second file),

- **All figures** in one file in *.doc format,

- **Tables, figures, and photographs** in the above-mentioned formats,

- **Personal details of the authors,** and

- **Copyright transfer agreements.**

Additional information

(1) Samples of reference format.

G. A. Pikina and Yu. S. Meshcheryakova, "A search-free method for calculating the tunings of PID controllers for the minimum of a quadratic criterion," *Therm. Eng.* **59** (10), 787 (2012).

V. N. Voronov, P. N. Nazarenko, and V. K. Pauli, "Several principles for introducing in process water chemistry monitoring systems at thermal power stations," *Therm. Eng.*, No. 6, 429 (1997).

RD (Guiding Document) 153_34.1_37.532.4_2001: General Technical Requirements for Cycle Water Chemistry Monitoring Systems at Thermal Power Stations (Energ. Tekhnol., Moscow, 2002) [in Russian].

V. Ya. Rotach, *Automatic Control Theory: A Handbook for Higher Schools* (MEI, Moscow, 2007) [in Russian].

SO (Enterprise Standard) 34.35.101_2003: Methodical Guidelines on the Scope of Process Measurements, Alarms, and Automatic Closed-Loop Control at Thermal Power Stations (Firm ORGRES, a Branch of UES Engineering Center, Moscow, 2003) [in Russian].

D. M. Himmelblau, *Applied Nonlinear Programming* (McGraw Hill, New York, 1972).

(2) When the editorial office submits the manuscript to the publisher for CRC preparation, electronic letters are sent to the authors, the receipt of which must be confirmed, because in approximately one month, electronic proofs will be sent to the exact same address for correction of possible errors. No additions or changes compared to the original are permitted when correcting the proofs.

(3) The final version of the paper is sent to the authors by e-mail.

(4) The authors can view the journal content at www.maik.ru and www.tepen.ru, and the contents of journal issues, abstracts, keywords, and the lists of references are accessible at <http://link.springer.com> for free.