

## INSTRUCTIONS FOR PAPER ORIGIN DESIGN FOR PUBLICATION IN THE JOURNAL “ELECTROMECHANICAL AND ENERGY SAVING UP SYSTEMS”

The paper can be submitted in the Ukrainian, Russian or English languages.

*The typical length of the paper* (including the abstract, tables, figures, references) should be limited to 5 pages of the A4 standard sheet; the exceeding of the text is allowed only with the permission of the Editor-in-Chief.

Materials should be prepared in MS Word format (preferably in version 7.0). Otherwise, please, save the document in Word format (.DOC) or in the rich text format (.RTF). PDF format is also permitted.

*Page margins:* top, left and right margins – 2 cm, bottom – 2.5 cm. Running headers – 1,25 cm, running footers – 2 cm. Running titles of the even-numbered and odd-numbered pages differ.

*Style UDC:* Times New Roman, 10 pt, bold capitals, without indentation, alignment – left.

*Style TITLES:* Times New Roman, 12 pt, bold capitals, without indentation, alignment – center, separate intervals: above 6, below 6, no division into syllables, no abridgements, no abbreviations, no spaced, no underlined.

*Style authors and organization.* Times New Roman, 12 pt, bold italic, without indentation, alignment – left. First initials, then surname, academic rank, scientific degree, place of work, position. It is permitted to place two surnames in one line. Full name of organization (town, city) is typed on a new line, Times New Roman, 10 pt, bold italic, without indentation, alignment – left. In case if authors are affiliated in different organizations, each author typed on a new line.

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*Style of references:* title REFERENCES after a line after text of the paper, capitals, alignment -center, Times New Roman, 10 pt, normal. References in the text should be numbered in the order in which they appear in the text in arabic numerals in square brackets (e.g., [1]). References are based on a worldwide standard of style in publishing for paper to be published in the English language.

*Style of figures:* figures can be done in programs MS Office Visio or Adobe Corol. High resolution photos are acceptable. Photographs must be clear, contrasting, with a large number of undertints, well worded up in details. Please save figures each as separate files: TIFF, BMP, JPEG are preferred. For the figures on a separate sheet: font style Times New Roman, 10 pt, normal, without indentation, alignment – center of the page. Placement of big figures is in the beginning or at the end of page, alignment – center of sheet. Placement of other figures – in the frames. Inscription after figure – in the same frame, without indent. Inscriptions below figures are obligatory. Line width in figures – no less than 0,3 mm. Figure captions are centered by the figure width and printed by normal font size 10. Figures are inserted in the text near the place of their first mentioning. Figures are numerated through the text in arabic numerals. In the text each figure has a reference without a sign (Fig. 3) or: in Figure 3. All of a graphics and the diagrams should be built with usage of Microsoft Excel. If on a separate sheet with a legend, it should be referred to in the text.

*Style of equations and formulae:* equations and formulae must be done in the formula-editor Microsoft Equation. For chemical equations and schemes of chemical reactions you could use special chemical editors. If it is impossible, the schemes of chemical reactions should be presented in the same way as figures and in the form pictures files. Font style Times New Roman Cyr, 10 pt, italic, alignment – center, formulas numeration on right edge – 1,7 cm. For the formulas processor are the following parameters: capital, small greek letters and symbols – font style Symbol, others – Times New Roman. Sizes: normal – 10 pt, large index 8 pt, small index 7 pt, large symbol 14 pt, small symbol – 10 pt. Formulas are printed in separate lines, and centered. Formula number is put in round brackets and lined by the right margin. Special attention should be paid to the notation of subscripts and indices of powers and superscripts.

*Style of tables:* Big tables are to be placed in the text as it is mentioned above for figures. Other tables – after the text in column width. Tables and figures are placed in the text just after mentioning them in the text of the paper. Tables are numerated through the text as. (Table 1) or: in Table 1. Table number and title are printed above the table in font size 10. Give each column a short heading in nominative case – singular or plural. Don't shorten the words arbitrarily. Values in headings of columns should be accompanied by unit measures in an abbreviated form according to the standard. When the data are absent, space in the column is indicated by three dots, and by a dash in absence of a phenomenon.

*Style of content (see a sample of paper design below at the separate page):* the structure of the paper consists of the following parts: 1) **Introduction**; 2) **Analysis of the references**; 3) **Aim of the research**; 4) **Experimental part and result obtained**; 5) **Conclusions**.

Authors are required to use these Instructions during preparation of materials. On receiving the paper the editorial board gives conclusion on expedience of its publication. If Paper Origin Design DOES NOT meet these instructions, it IS NOT submitted to the review and IS NOT published. Editorial staff is entitled to reduce and edit materials.

**Authors keep responsibility for scientific contents and novelty of the submitted material.**

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Annotation of the paper (appr.50-100 words, up to 10 lines). Abstracts should not include any references, tables, figures, or references to figures and tables. The text of paper includes abstract, introduction, problem statement, main ideas and solution methods, results obtained, conclusions, list of reference in the order of citing.

**Key words:** paper must have not more 5 key words.

**Introduction.** Statement of the problem in general view and its description in connection with the important scientific or practical tasks.

**Problem statement.** In this section there is the information about references where the task decision of the given problem was set earlier and that the author grounds on their results making own research; it is pointed what unresolved part(s) of the general problem are allocated in the paper; it is marked its(their) actuality and novelty.

**Main ideas and solution methods.** The precise formulation of the task of paper, statement of a problem which is solved in it.

**Experimental part and result obtained.** Statement of the basic research material with a full substantiation of the received scientific results.

Results of researches are resulted in table 1 and on fig L

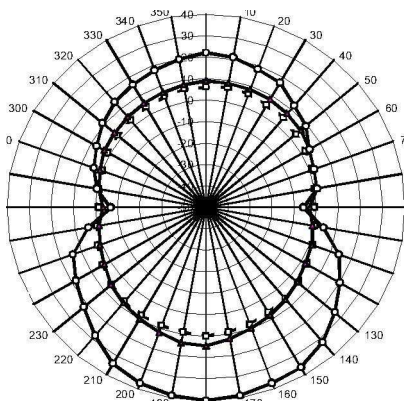


Figure 1 - Distribution of deformations of unirradiated and irradiated bodies on perimeter at pressure P = 14,5 MPa

**Table 1 - Size of spring deformations of bodies' wells in typical zones at pressure P = 14,5 MPa**

# of point	Pressure of a working liquid , MPa			
	Zone of the bottom plugs		Zone of the top plugs	
	unirradiate	irradiated	unirradiate	Irradiated
1	6	6	22	9
2	5	5	17	8

**Conclusions.** Conclusions of carried out research and prospect of the further searches in this direction.

Conclusions should be in accordance of the title of the paper and display the main results of own researches or advantages above known results from the references.

**REFERENCES**

The cited papers must have the following form:

(a) for journal paper: the surnames and initials of the authors, title of article, journal title, year, volume., number, and page(s) must be given;

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(c) for collections and proceedings of conferences, the surnames and initials of the authors, title of the collection (conference), city and publisher (institute), year, volume, number, and page.

For instance:

1. Halkin, H. et al., Altered Erythrocyte and Plasma Sodium in Hypertension, a Facet of Hyperinsulinemia, Hypertension (Dallas), 1988, vol. 11, no. 1, pp. 71-77.
2. Appen, A.A., Khimiya stekla (Chemistry of Glass), Leningrad: Khimiya, 1970.
3. Grinchenko, B.I., Mechanisms of Inversion Formation in Recombination Lasers, Preprint of Inst. of High Temperatures, Russ. Acad. Sci., St. Petersburg, 1992, no. 5-155, p. 28.