

RULES FOR THE SUBMISSION OF MANUSCRIPTS TO PHYSICS—USPEKHI

(1) We accept the following for publication: reviews of the contemporary state of research into the most topical problems of physics and related science, and articles for the sections “Methodological Notes”, “Instruments and Methods of Investigation”, “From the History of Physics” and others. Papers should not have been previously published and not be pending publication elsewhere. All papers must be accompanied by the relevant documentation for publication in the appropriate form. Authors of a published article receive 45 copies in Russian, and 20 in English.

(2) All papers are published in Russian. Manuscripts are accepted both in Russian and English.

(3) Papers should not exceed 80 typewritten pages (30 lines/page, 60 characters/line) nor include more than 20 figures. The total area of the figures should not exceed four A4 pages at publication size.

(4) Manuscripts should be submitted in duplicate. The text should be laid out in the same order as it appears in the journal (title, authors, abstract, text body, bibliography). The introduction should be numbered as Section 1. Tables and captions should be submitted on separate sheets. An English translation of the authors' surnames, the paper's title and abstract, and the work addresses (including the organisation, telephone, fax number and e-mail) of all the authors should likewise be submitted on a separate sheet. Neither the Russian nor the English abstract should exceed 10 lines.

(5) The final page (after the bibliography) should be signed by all of the authors. Their work and home addresses, telephone numbers and passport details should be included on a separate sheet.

(6) Each figure should be submitted on a separate A4 sheet, marked in pencil on the reverse with its number, the names of the authors, and the title of the paper. The size of the figures should be two to three times larger than the required size for publication, but not greater than 15×20 cm. A figure composed of separate parts (a, b, ...) should be presented on a single A4 sheet. Black and white photographs should be submitted in duplicate on white glossy photographic paper. One of the photographs should be left free of explanatory marks (arrows, indicators etc.).

(7) The terminology, units of measurement, and symbols employed in the paper should conform to the general usage. All symbols and abbreviations (with the exception of accepted constants such as e, h, c, π , etc.) should be defined at their first appearance in the text.

(8) The characters n, h, u, g and $q; a, \alpha$ and $d; \mathcal{E}, \varepsilon, \zeta$ and $\zeta; e$ and $\ell; I$ and $J; \vartheta$ and $v; v$ and v, x and χ should be clearly differentiated. If the paper is typeset on a computer, all latin symbols for physical quantities (P, I, W , etc.) should be italic; the names of functions (sin, cos, exp) in normal (roman) type. The marking of formulae is obligatory: upper and lower case letters which differ only in their size (C and c, S and s, O and o) should be marked in pencil with two lines: upper case — below, lower case — above (\underline{C} , \overline{c}). Zero is indicated with a straight bracket ($\underline{0}$). Greek letters should be underlined in red pencil, vectors in blue. The use of special characters, such as gothic or Russian letters, or symbols (e.g. $\aleph, \Re, \nabla, \nabla$) should be noted in the margins. Subscripts and superscripts should be clearly written below or above the line, and marked in pencil (\subscript for a subscript, \supscript for a superscript). In indices, it is essential that commas (,), dashes ('), the numeral 1, etc. be clearly differentiated.

(9) Formulae should be numbered in round brackets (2), citations in square brackets [2], and footnotes with arabic numerals.

(10) Bibliographic entries should be written in the following form:

(a) for a book — the authors' surnames with initials, the title, and the volume number, then (in brackets), the place of publishing, the publisher, the year; and the pages of relevance. For example:

Lifshits E M, Pitaevskii L P *Fizicheskaya Kinetika* (Physical Kinetics) (Moscow: Nauka, 1979) s. 35 [Translated into English Lifshitz E M, Pitaevskii L P *Physical Kinetics* (Oxford: Pergamon Press, 1981) p.30]

(b) for papers in a collection — the authors' surnames with initials, the title of the collection, the volume number, the editor's initials and surname (in brackets), then (in brackets), the place of publishing, the publisher, the year; and the pages of relevance. For example:

Silvera I F, in *Progress in Low Temperature Physics* Vol. 10 (Ed. D F Brewer) (Amsterdam: North-Holland, 1900) p. 139
Kawasaki K, in *Proc. of International School of Physics 'Enrico Fermi', Course 51, Critical Phenomena, Varenna, Italy, 1971* (Ed. M S Green) (New York: Academic Press, 1972) p. 342

(c) for papers in a journal — the authors' surnames with initials, the title of the journal, the volume number, (the number, if the journal does not have continuous page numbering), the pages; and the year (in brackets). For example:

Terebizh V Yu *Usp. Fiz. Nauk* **165** 143 (1995) [*Phys. Usp.* **38** 137 (1995)]

The volume number should be underlined in red pencil.

(d) for dissertations — the author's surname with initials, the level, then (in brackets), the place of defence (city, institution), the year. For example:

Maier A A, Thesis for Doctorate of Physicomathematical Sciences (Moscow: Institute of General Physics, Academy of Sciences of the USSR, 1990)

(e) for preprints — the authors' surnames with initials, the number (or if not available, the full title of the preprint), then (in brackets), the place of publishing (city, institution), and the year. For example:

Maier A A, Preprint No. 30 (Moscow: Institute of General Physics, Academy of Sciences of the USSR, 1992)

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(11) If, when making amendments, the author retains the manuscript for more than three weeks, a second date may be added to the paper, 'after amendments' (at the discretion of the reviewer, the editor, or the author himself). If the period of making amendments exceeds two months, the paper will be regarded as a new submission.

(12) Changes of an editorial character, not affecting the principal themes of the paper, may be made without the consent of the author.

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