

Guidelines for Authors of *Physics of the Solid State*

Physics of the Solid State publishes original articles and solicited reviews dedicated to various fields of solid state physics. The main sections are as follows:

- Metals and Superconductors;
- Semiconductors and Dielectrics;
- Defects and Impurity Centers, Dislocations, and Physics of Strength;
- Optical Properties;
- Magnetism and Ferroelectricity;
- Lattice Dynamics and Phase Transitions;
- Low-Dimensional Systems and Surface Physics;
- Polymers and Liquid Crystals;
- Fullerenes and Atomic Clusters.

Manuscripts submitted to the journal must comply with these guidelines. Manuscripts that do not will be rejected by the editorial board.

The manuscript must be accompanied by a cover letter. The manuscript must be signed by the authors. The corresponding author should be indicated. The authors may suggest possible peer reviewers. Rejected manuscripts are not returned to authors.

Two copies of the manuscript are required. The manuscript should be typed on one side and double-spaced throughout (approximately 30 lines per page, 60 characters per line using point size of 12 or 14). The left-hand margin should be at least 4 cm. Handwritten insets are unacceptable. All pages should be numbered.

At the beginning of the manuscript, the following data should be given:

- journal section,
- manuscript title,
- list of authors,
- affiliations with address, postal code, city, and country,
- e-mail addresses for correspondence.

Next should be the abstract (no more than 0.5 typewritten pages), which should not duplicate the introduction or the conclusions. The abstract must not contain references and abbreviations. At the end of the abstract, the institution or foundation that supported the research should be in-

dicated (with indication of grant number).

The article should be written in clear, concise language. Intermediate calculations should be omitted, and unwieldy formulas should be avoided. Authors should avoid repeating, in the main text, the data presented in tables, graphs, and figure captions; they should also avoid presenting the same numerical results in the form of both tables and graphs. If the article is divided into sections, there should be an Introduction and Conclusions. The sections should be numbered (using Arabic numerals) starting with the Introduction. The abbreviations used in the article should be explained in the main body of the text.

Illustrations (photographs, diagrams, and graphs—all referred to as figures) must be submitted in duplicate. A minimum number of figures with a limited amount of detail should be used. All figures must be of high quality.

Halftone artwork should be submitted as photographs (with the upward direction indicated on the back).

Below each figure, the authors' names, title of the article, and figure number should be indicated.

Figure captions should be given on a separate sheet. No graphics elements (circles, crosses, or other symbols) should be included in the captions.

Formulas should be numbered continuously throughout the article rather than separately for each section.

- Vector quantities should be written in bold-face (without an arrow over the character).
- Greek, gothic, and manuscript-style letters used must be easily recognizable.
- All physical quantities and variables should be italicized.

In the main text, a slash should be used for the operation of division. For exponential functions, the sign “exp” should be used.

Each table should be typed on a separate page, which should be included in the numbering of pages. Tables must be titled, and measurement units must be indicated. All of the columns of a table must be titled.

The reference format should be as follows:

– for books, the reference should include the initials and the surnames of all the authors, the title of the book, the publishing house, city, year, and volume. If reference to a particular page is given, the page number should be indicated after the year (e.g., p. 54);

– for periodicals, the reference should contain the initials and surnames of all authors, the name of the journal, the volume number in boldface, the issue number in parentheses, the first page of the article, and the year of publication.

For example,

1. L. D. Landau and E. M. Lifshitz, *Quantum Mechanics* (Nauka, Moscow, 1989).

2. B. P. Aduv, É. D. Aluker, V. V. Gavrilov, R. G. Deuch, and S. A. Chernov, Phys.

Solid State **38** (12), 1919 (1996).

3. V. J. Emery, Phys. Rev. B **14** (3), 2989 (1976).

4. F. F. Weetman, V. A. Bernstein, and V. P. Pooh, in *Strength of Glass*, Ed. by V. A. Stepanov (Mir, Moscow, 1969), p. 7.

For periodicals, only original publications, not translated versions, should be referred to.

References should be numbered in the order in which they appear in the main text.

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