

1. GENERAL

We welcome papers containing original research results and review papers in the fields of General Physics, Atomic and Molecular Physics, Optics and Quantum Optics, Quantum Information, Biophysics, Condensed Matter Physics, and Applied Physics, which correspond to the scope of the journal.

Manuscripts should be submitted by e-mail to: appol@ifpan.edu.pl in direct-printable computer version, as a ***.doc file** or ***.pdf file**.

The corresponding author should sign and send the Copyright Transfer Form, which can be downloaded directly from <http://info.ifpan.edu.pl/APP/>. By signing this form they – on behalf of all the Authors – accept all points listed in the document and agree to respect them, together with the resulting consequences. In particular, they confirm that the manuscript is not under active consideration for publication elsewhere.

Submissions containing all the required documents are processed. The Editor-in-chief considers submissions, guided by their compliance with the journal scope, as well as striving to eliminate plagiarism. The editors have the right to accept or to reject submitted manuscripts. Any ambiguities are consulted with the Editorial Board. In case of approval by the Editor-in-chief, a manuscript number is assigned and relevant information is sent to the corresponding author.

Suggestions of possible reviewers are welcomed, so please include their affiliation and e-mail address. The editors select reviewers on the basis of competence and expertise on the topic. The process of reviewing is single-blind. The reviewers are obliged to disclose any conflicts of interest. The time for making the report is usually 3–4 weeks.

There are no author page charges in Acta Physica Polonica A.

Authors are obliged to present their results in a reliable, honest and unambiguous manner. Analysis should be carried out in a clear way. False claims, falsification, data manipulation are considered unethical and are not accepted.

Authorship is limited to people who have had a significant impact on establishing the concept, research methods, their implementation. Cases of so-called guest authorship and ghostwriting are considered unethical and are not accepted.

Violations of scientific ethics will be reported by the Editorial Board to the Authors' affiliated institutions.

2. CONTENT

The manuscript needs to be written in good scientific English. Further guidelines are as follows:

Title

The title should be brief (less than 10 words), without acronyms, and informative.

List of Authors

Include author names, affiliations, mailing addresses, and the corresponding author's email.

Abstract (on the title page)

The abstract should summarise in a concise way all core aspects of the paper: the scope of research; methods used; main new results; the originality of the results.

Keywords (just below the abstract)

Maximally 4 keywords.

Organisation of the paper

Paper should be divided into sections (including Introduction, Conclusions), subsections, etc., numbered in ascending order with Arabic numerals. In main text, they should be quoted in abbreviated form, like: "Sec. 1", "Sec. 2A", etc. The same rule applies to Figures, Tables, and Equations, quoted respectively, as: "Fig. 3", "Tab. 4", and "Eq. (5)".

Specification: Figures and Tables

Figures and Tables should be numbered in order of appearance in the text, and placed in the vicinity of their first mention (NOT at the end of the manuscript).

Their maximal width should not exceed 9 cm if they are to fit within the width of a column. In the case of important small details, one should prepare figures/tables at most 15 cm wide.

The preferred figure format is one that shows all elements with high-quality. Thus, one should rely on vector graphics (e.g., eps) rather than raster images (e.g., png).

When there are several smaller panels within one figure, each of them should be labelled with small letters of the alphabet, i.e., (a), (b), ...

References

References in the text should be in square brackets with Arabic numerals [1] (not with superscripts, or author-year style). In the bibliography, entries should be ordered according to their order of appearance in the main text.

Please do not group multiple works into one reference, but give them separate numbers.

If necessary, list the first 7 authors, followed by *et al.* in a bibliography entry.

The DOI numbers of cited articles, wherever applicable, are required in the bibliography.

Acknowledgements

Acknowledgements should be brief, contain grant and contribution numbers. A person can be thanked for assistance, comments, etc., without inessential adjectives.

3. REQUIREMENTS – SOME DETAILS

3.1. MATHEMATICS

Displayed formulas should be clearly typed, each on a different line, numbered on the right-hand side in round brackets “()”. Formulas should be entered in formatted text form (e.g. through LaTeX). Images of equations are not allowed.

The symbol of multiplication, if necessary, should be written using \times . Use of \cdot or \star is forbidden.

Units when specified in formulas, tables, and captions should be written in square brackets, for instance, [mm], [keV]. The decimal point 0.2 should be used rather than a decimal comma, i.e. not 0,2.

3.2. FIGURES

Inscriptions on figures should be kept to a minimum. Explanations of the different types of curves or data points should be given in captions rather than on the plots.

The volume of figures and tables should not exceed the volume of the main text.

The font size on axes or labels should not be larger than in the main text. Numbers in labels should use the explicit exponential form: 10^4 , not E-4.

If figures are reproduced from other articles, the source must be quoted. Permission for reproduction must be obtained by the Authors from the owner of the copyright (usually the publisher), and should be submitted along with the manuscript.

3.3. TABLES

Headings for columns in tables should be brief, minimising the number of words, or better – using symbols defined in the table caption. Footnotes to each table should be indicated by superscript letters and placed below the table caption.

3.4. BIBLIOGRAPHY STYLE

We encourage the use of BibTeX to generate entries from the BibTeX meta-data provided by publishers. For APPA purposes, they should include:

```
@article{examplecitation1,
  author = {Surname, Name},
  title = {Title},
  journal = {Quantum},
  volume = {123},
  page = {123456},
  year = {1932},
  doi = {10.22331/idonotexist}
}

@book{examplecitation2,
  author = {Name, Surname1 and Name2, Surname2},
  title = {Title},
  publisher = {Springer},
  address = {Berlin},
  year = {1932},
  doi = {10.22331/idonotexist}
}
```

The results should appear in the following form:

- [1] R.P. Feynman, *Phys. Rev.* **3**, 440 (1950)
DOI: 10.1103/PhysRev.80.440
- [2] R.P. Feynman, *Surely You're Joking, Mr. Feynman!: Adventures of a Curious Character*, Princeton University Press, USA, 1985.

4. PROOFS

Proofs of accepted papers will be prepared as soon as possible and sent to the corresponding author. The Authors are required to read them carefully, and report any needed corrections/changes to the editors, answering also any questions attached to the proofs.

The DOI number of an accepted paper is assigned at the moment of online publication.

5. CONFERENCE PROCEEDINGS

Acta Physica Polonica A publishes conference proceedings, as well as special issues that are within the scope of the journal. If a conference topic goes beyond the scope of APPA, the Editor-in-chief, after consulting with the conference organisers, selects in-scope conference papers for publication.

Publication of conference proceedings requires the signing of an agreement between the conference organisers and the Publisher (the Director of the Institute of Physics, Polish Academy of Sciences). There is a page charge for conference proceedings. The organisers should contact the Editor-in-chief for details.

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