

ROMANIAN JOURNAL OF PHYSICS

GENERAL INFORMATION

Romanian Journal of Physics is a publication of the Romanian Academy. The Journal has an international character intended for the publication of original contributions in theoretical and experimental physics. Publications can be full-length articles, containing original results, or short notes (letters) aimed at a rapid communication of new research results. The Journal may also publish conference papers or proceedings. Recent books may be presented and reviewed. No page charge is requested except for the proceedings volumes published by conference organisers.

The recommended language is English, but French is also accepted.

INSTRUCTIONS FOR MANUSCRIPT PREPARATION

Please make sure that the contribution you are intending to submit for publication in "ROMANIAN JOURNAL OF PHYSICS" contains two camera-ready paper copies (with figures, captions of figures, tables etc., included in text) for the referees, and a diskette. The copies shall be an exact reproduction of the diskette file. Please observe the following guidelines for the preparation of your manuscript.

GENERAL SETTINGS:

- Margins:** *Top: 5 cm; Bottom: 5.7 cm.*
Left: 4 cm; Right: 4 cm.
Gutter: 0 cm.
From edge: Header: 4 cm; Footer: 0 cm.
- Paper size:** A4 (*Width: 21 cm; Height: 29.7 cm*).
- Format paragraph:** *Indentation: Left: 0 cm; Right: 0 cm.*
Alignment: Justified.
Line spacing: Single.
- Columns:** One.
- Page numbers:** Top of page; Outside; Show number on first page: no.
- Fonts:** TIMES NEW ROMAN and SYMBOL (GREEK fonts for formulae and equations).
- Figures:** Insert the figures at their appropriate position within the paper using INSERT/PICTURE FROM FILE (*.tif).
Figures shall not be larger than an A4 page each.
For scanned figures, the resolution shall be set at minimum 300 dpi.
Color figures are not accepted.
Figures shall be listed in numerical order.
Figures shall be bottom numbered and centered.
The number of a figure shall be preceded by 6 pt.
Figure numbers shall be written using TIMES NEW ROMAN, 9, CENTERED: 'Fig. [no]. -'.
After the number of a figure, introduce 12 pt.
Figure captions and numbers shall not be incorporated in the figure.
Captions shall follow the number of the figure, using TIMES NEW ROMAN, 9.
Measure units shall be mentioned in brackets, SI according to requirements.

- Tables:** Landscape tables are not accepted.
Tables shall be introduced at their appropriate place in the text.
Table numbers shall be written using TIMES NEW ROMAN, 9, ITALIC, CENTERED, preceded by 12 and followed by 6 pt.
Table titles shall be written centered, below the number of the table, using TIMES NEW ROMAN, 9, CENTERED, followed by 4 pt.
Introduce 12 pt after the end of the table.
- Equations:** Equations may be written either with the equation editor or in the text mode, using TIMES NEW ROMAN or/and SYMBOL fonts.
Equations shall be preceded and followed by 6 pt.
Displayed equations shall be centered.
Equations shall be numbered in parentheses, flush right, using TIMES NEW ROMAN, 11.
- References:** *Journal articles* – initials and names of authors, separated by comma, title of article (italic), journal title, volume number (bold), page numbers and year.
Books – initials and names of authors, separated by comma, title of book (italic), publisher, place of publication, year, and page numbers.
Edited books – initials and names of authors, separated by comma, title of article, initials and names of editors followed by the mention editors written in parentheses, title of book, publisher, place of publication, page numbers, and year.
Within the text and at REFERENCES section, reference numbers shall be introduced within square brackets.
References shall be written using TIMES NEW ROMAN, 9.

GENERAL CONDITIONS:

Articles submitted shall use WORD, and only exceptionally, LATEX.
We strongly recommend you to check the document with TOOLS/SPELLING using US English dictionary.
The whole document shall be a single file, including text, figures, figure captions, tables and table legends, references, acknowledgements, etc., at their appropriate positions.
Scanned papers (text, figures, etc.) are not accepted.
The author(s) shall be responsible for the quality of the language; accordingly, if you have difficulties, please ask a colleague with a good command of English to check your contribution.
The author is fully responsible for the scientific quality of the paper. Any contribution is carefully checked by two independent referees for acceptance.

- DETAILS:** The general structure of your contribution shall observe the following guidelines:
- TITLE:** The title of the paper shall be preceded by 48 pt.
Titles shall be written using TIMES NEW ROMAN, 13, ALL CAPS, CENTERED.
- AUTHORS:** The title of the paper shall be preceded by 24 pt.
Author names (initials followed by name and separated by comma) shall be written using TIMES NEW ROMAN, 9, ALL CAPS, CENTERED. For different affiliations use superscript ordered numbers.
- AFFILIATIONS:** Writer names shall be preceded by 6 pt.
Affiliations shall start with a superscript number, connecting the name of the author to his/her affiliation. For a single affiliation no superscript number is necessary.
Include e-mail addresses, if available. Use TIMES NEW ROMAN, 9, ITALIC, CENTERED.

- RECEIPT DATE: The receipt date shall be preceded by 6 pt, and written using TIMES NEW ROMAN, 9, CENTERED.
- ABSTRACT: Abstracts shall be preceded by 24 pt, and written using TIMES NEW ROMAN, 9, JUSTIFIED, FIRST LINE: 0.9 cm. It shall start with the word '*Abstract.*' in ITALIC. The maximum number of words per abstract is 50 for reports, 100 for Ph. D. theses, and 200 for review articles.
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- SHORT TITLE: Short title shall be written in Header. A short title of maximum 60 characters including blanks is suggested. It shall be written in TIMES NEW ROMAN, 9 pt, CENTERED.
- ARTICLE: Articles shall be written using TIMES NEW ROMAN, 11, JUSTIFIED, FIRST LINE: 0.9 cm, single-spaced. Line spacing exceptions are allowed only if subscripts and/or superscripts appear frequently within a paragraph.
The text may be divided into sections numbered by Arabic figures, in the decimal system.
The headings of the first order, second order, third order, etc. shall be on a single line. The first-order headings shall be written using TIMES NEW ROMAN, 11, ALL CAPS, BOLD and CENTERED. The first-order headings shall be preceded by 24 pt and followed by 12 pt.
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The third-order headings shall be written using TIMES NEW ROMAN, 11, ITALIC, and CENTERED. The third-order headings shall be preceded by 12 pt and followed by 6 pt.
The fourth-order headings shall be written using TIMES NEW ROMAN, 11, CENTERED. The fourth-order headings shall be preceded by 12 pt and followed by 4 pt.
All headings shall be aligned CENTERED. Should headings of first, second, third, fourth orders follow each other immediately, suppress 12, 12 or 6 pt.
Text after headings shall start with a 0.9 cm indentation.
Each paragraph shall be indented 0.9 cm.

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All papers are subjected to a fair, discrete and anonymous refereeing procedure that may take two months after which the main author will be acknowledged.

Authors may inquire on special problems to the editors by means of ordinary mail, or e-mail: moancea@nipne.ro; moancea_rjp@yahoo.com

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