

Guidelines for Authors of *Astronomy Reports*

Manuscripts that are not prepared in accordance with these guidelines may be returned to the authors without being registered by the editorial board.

It is necessary to submit an electronic version of the manuscript in order for it to be considered for publication by the editors. The electronic version should include files containing the text of the manuscript, tables, and figures. The text together with the figures should be presented in a single file, with files containing figures also included separately. The files can either be submitted on a data storage media or sent by email. The [copyright transfer agreement](#), which can be downloaded from the publisher's web site, and the accompanying letter should be submitted simultaneously with the manuscript files.

1. Format of Manuscripts

Please use the publisher's style file, which will help authors correctly prepare their manuscripts for submission.

1.1. The text should be entered in Times New Roman (12 pt) font with a line spacing of either 1.5 or 2. The manuscript should be carefully edited, and all pages must be numbered.

1.2. The electronic version of the manuscript should be written in LaTeX, and sent together with a PDF file of the processed manuscript attached to an e-mail message. If the size of a file or set of files is large, please reduce this size using archiving tools, such as ZIP, RAR, or ARJ.

1.3. The beginning of the manuscript is formatted in the following order: the list of authors, authors' affiliations, and abstract. The abstract should not contain undefined abbreviations or references.

1.4. All sections, including Introduction and Conclusion, should be numbered with Arabic numerals.

1.5. Acknowledgements should be after Conclusions.

1.6. The list of references should begin on a separate page after the text of the manuscript, with the heading REFERENCES.

1.7. Figure captions should be placed on a separate page, after the list of references.

1.8. Figures and photographs should be included separately, after the figure captions.

1.9. The postal address, telephone number, fax number, and email address of the corresponding author should be indicated at the end of the manuscript.

Example of manuscript formatting:

Reasons for the Appearance of Intergalactic Stars in Galaxy Clusters

A. V. Tutukov, A. V. Fedorova

*Institute of Astronomy, Russian Academy of Sciences,
Moscow, Russia*

e-mail: 1233456@gmail.com

Abstract—The results of observational studies of ... (text of abstract).

INTRODUCTION ...

PROPERTIES OF INTERGALACTIC GAS IN GALAXY CLUSTERS ...

CONCLUSIONS ...

REFERENCES (on a separate page)

FIGURE CAPTIONS (on a separate page)

Fig. 1. ... Fig. 2

TABLES

2. General Recommendations

2.1. All abbreviations must be defined, with the exception of a few widely used ones.

2.2. Only Latin or Greek letters should be used in formulas.

2.3. Vectors should be written using bold font, for example, **E**, **B** (with no arrow above). Scalar quantities should be written using italics, for example, *n*, *T*.

2.4. Mathematical symbols such as sin, lim, log, max, exp, erf, symbols for chemical elements, and notation for types of waves (O waves, TM mode, E₀₁ mode) and plasma confinement regimes (L and H modes) should be written using regular style.

2.5. Decimal numbers should be written using a point, not a comma (0.25 instead of 0,25).

2.6. The symbols *, ', ±, individual Greek letters, individual italic or bold letters, individual variables or symbols which have only a superscript or subscript, units of measurement, numerical figures in the text, and simple mathematical or chemical formulas (such as $a^2 + b^2 = c^2$, H₂SO₄) should be entered as ordinary text, without using embedded structures (i.e., without using Microsoft Equation, MathType, etc.).

2.7. A space is always included between initials and surnames: A.A. *Ivanov* (except when listing authors in the heading of a manuscript, where a space is also included between initials: A. A. *Ivanov*).

2.8. There should be no period after the manuscript title, the list of authors, addresses, section headings and subheadings, titles of tables, or units of measure (for

example, s for seconds, g for grams, min for minutes, d for days, deg for degrees).

2.9. There should be a period after footnotes (including those in tables), notes to tables, figure captions, the abstract.

The formatting of text symbols in Microsoft Word is performed using the FONT dialog window [Ctrl-D]. The symbol * is located in the right part of the keyboard together with the number keys, ° can be produced by the combination ALT-0176, and ± by the combination ALT-0177.

3. Recommendation for Typing Formulas

3.1. Mathematical formulas formatted on a separate line should be typeset in MathType. The typesetting of formulas made up of composite elements (table, text, or an embedded frame) is not allowed.

3.2. Formulas typeset in MathType should use usual fonts, symbol sizes, and symbol placement. Manual adjustment of individual symbols or elements of formulas is not allowed.

4. Formatting of References

4.1. All references should be presented in their original language and numbered in the order of their appearance in the manuscript. Each reference in the text should refer to a single source in the reference list.

4.2. Titles of cited articles should not be given.

4.3. All authors must be listed.

4.4. In references to conference proceedings, seminars, and other meetings, their full titles must be indicated, together with the location and year (but not the month and dates). If possible, please indicate the editors, publisher, city, and year of publication for published conference proceeding.

4.5. In references to preprints or reports, the full name of the organization (institute) publishing the preprint or report must be indicated, together with the year and city of publication.

4.6. If page numbering in the journal is continuous throughout an entire volume (as, for example, for *Physics of Fluids* or *Astronomy Reports*), the issue number should not be indicated.

4.7. If page numbering begins again with each issue (as, for example, for *Astronomy Letters*), the issue number should be indicated in parentheses after the volume.

4.8. If the journal has several series, the name of the series must be indicated.

4.9. CASSI-style abbreviations of journal titles must be used.

Examples of reference formatting:

(1) Journal:

V. V. Kostyunin, *Astron. Zh.* **72**, 811 (1995).

C. Firmani, A. Tutukov, and A. Fedorova, *Astron. Astrophys.* **264**, 37(2006).

(2) Book:

R. C. Elton, *X-ray Lasers* (Academic Press, New York, 1994).

(3) Articles in a collection:

O.V. Verkhodanov, in *Problems in Modern Radio Astronomy* (Institute of Applied Astronomy, St. Petersburg, 1997), p. 322.

(4) Conference proceedings:

O. V. Verkhodanov, in *Astronomical Data Analysis Software and Systems*, Ed. by G. Hunt, H. E. Payne, ASP Conf. Ser. **125**, 46 (1997).

(5) Preprint:

S. F. Perelygin, Preprint of MIFI No. 021 (National Research Nuclear University MEPhI, Moscow, 1996).

5. Format of Numerical Material

5.1. Numerical data must be given in the form of tables.

5.2. Tables should be numbered using Arabic numbers, in the order they are referred to in the text. As a rule, the name of the table follows the table number.

5.3. All table columns must have headers and be divided by vertical lines.

6. Formatting of Figures

6.1. Figures should be clear and understandable. The figure number and the surname of the first author must be indicated below each figure.

6.2. Figures will be accepted for processing only in black-and-white form.

6.3. If several figures appear together under a single number (for example, 1a, 1b, etc.), they must all have a single caption.

6.4. The quantities plotted must be indicated along the horizontal and vertical axes of plots, together with the corresponding units of measure, for example: R , cm; n_e , 10^{13} cm^{-3} ; θ , deg; I , rel. units.

6.5. Cluttering of figures with superfluous labels should be avoided. All the textual information referring to a figure should be in the caption below the figure. Curves in figures are best labeled with numbers with a key to the numbers given in the caption. Labels should not touch any parts of graphics.

6.6. TIFF, JPEG, GIF, or BMP format with a resolu-

tion of 600 dpi should be used for figures. A resolution of at least 300 dpi should be used for photographs. Figures in EPS and PDF formats are also acceptable.

6.7. Photographs should be submitted in two variants. One should correspond to the original with all labels and captions, and the other should be without text.

Working with Electronic Proofs

Authors will be sent a PDF file of the electronic proofs. This file can be read and edited using Adobe Acrobat Reader (version 9 or higher), which can be downloaded free of charge from the site www.adobe.com. Do not use other programs to correct the PDF file. Otherwise, your comments may be lost during the automated processing. You must not change the name of the PDF file with the article or the subject of the e-mail message for the same reason.

Comments should be entered directly into the PDF file of the article using the Tools panel and Comment & Markup pane.

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If the Comment & Markup pane is not present on the screen under the Tools menu, it must be called up for rapid access: In the Tools menu, choose Customize tools panel. In the window that opens, select the Tools panel and Comment & Markup pane, as well as those tools that you plan to use. Click on OK.

To use text-correction tools, you must select the required fragment of text in the file and click on the button for the corresponding tool:

- To remove text: Strikethrough tool (red).
- Replace text: Replace tool (blue).
- Insert text: Insert text at cursor.

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If you have to insert or replace text with complex formatting or a specific font, type the necessary text in Word, then copy and paste the text into a comment, or use the Add note to text tool. Symbols that lose their formatting in this process can be copied using the Select tool and inserted using the Stamp tool, drawn using the Draw free form tool, or described in words.

When correcting complex formulas and figures, make reference to the original, use the Draw free form tool, or copy using the Select tool and insert using the Stamp tool.

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In exceptional cases, when a correction cannot be introduced into the PDF file for the article (for example, replacing a figure), you may attach the necessary file in the corresponding place using the Attach file tool; you should then add a comment nearby explaining what must replace what and for what reason.

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