Instructions to the Authors

Scope
The journal of Spacecraft Technology is devoted to the publication of articles related to the field of spacecraft technology and their associated fields of activity. Articles based on research findings as well as articles of a general nature, which are of a review type, etc., are accepted for publication after review. Papers are welcomed in all those areas of science and technology, which provide a support to the practice of spacecraft engineering. These include, materials-science, structural design and analysis, measurement science and instrumentation, EMI/EMC related studies, Telemetry and telecommand, electronics and data handling, package design, orbital dynamics, structure-control-thermal interactions, computer simulations, software engineering, communications and control theory, heat transfer and thermal control systems, cryogenics, space power generation, propulsion systems, environmental qualification etc.

Articles can be submitted as full-length papers or technical notes.

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Authors are requested to submit three copies of the manuscript complete with all illustrations, with a covering letter, to the Secretary, Editorial Board, JST. Provide a complete mailing address, telephone and fax numbers, and an e-mail address, if available. If possible, also include the names and addresses of three suggested reviewers. The language of the journal is English. Submission of a paper implies that it has not been published previously, that it is not under consideration for publication elsewhere, and that if accepted it will not be published elsewhere in the same form, in English or in any other language, without the written consent of the editor. Each manuscript must be accompanied by written assurance as to security clearance in the event the subject matter lies in a classified area or if the paper originates under government sponsorship. All manuscripts must be as brief and concise, as proper presentation of the ideas will allow.

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Manuscripts should be typed double-spaced on one side of standard A4 size paper (21 cm x 29.7 cm) leaving a margin of at least 2 cm all around. Good quality printouts with a font size of 12 or 10 pt are required (approximately 300 words or 2000 characters per page). There is no length limitation for full-length papers.

All pages should be numbered. The author should carefully proofread the manuscripts. Unclear or excessive handwritten insertions are not acceptable. Manuscripts not conforming to the instructions in any respect will be sent back to the authors even before the review process is initiated.

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Use of SI units
All manuscripts must use SI (Metric) units in text, figures, or tables, except for unavoidable cases.

Peer Review
All papers are rigorously refereed. It is our usual practice that authors are informed of the progress of their paper within six months.

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Manuscripts should in general be organized in the following order: title, name(s) of author(s) and his/her (Their) complete affiliation(s) including pin code(s). Abstract, Nomenclature, Introduction, main body of paper, Conclusions, Acknowledgements, References, tables, figures and Appendices. A list of titles of tables and figures on a separate page should be added at the end.

Title, Authors’ Names
The title should be brief and concise, without the use of acronyms or abbreviations. Provide an abbreviated title to be used as a running head and key words. The authors’ names should appear below the title; the full name of the author(s), the author’s affiliation, mailing address, e-mail address should follow on the next line. Only significant contributors should be listed as authors; others may be thanked in acknowledgements.

Abstract
Every full-length paper must be accompanied by a 200 to 300 word abstract, written in a single paragraph in a single page. It should be a summary and complete in itself. The abstract should indicate the subjects dealt with in the paper and should state the objectives of the investigation. Newly observed facts and conclusions of the experiment or argument discussed in the paper must be stated in summary form. Readers should not have to read the paper to understand the abstract.

Nomenclature
A nomenclature section is required for papers containing more than a few symbols; nomenclature definitions then should not appear in the text. The nomenclature list should be in alphabetical order followed by Greek symbols, also in alphabetical order and with a separate heading. Subscripts and superscripts should follow and should be identified with separate headings. To indicate units involving fractions, slashes should be used (e.g., density, kg/m³). Use standard symbols.

Introduction
The paper must include an Introduction. It should explain the purpose of the study, cite relevant previous work, and describe how the paper contributes additionally to the field.

Main Body of Paper
The main body presents the details of the study. It may be broken down into several sections, which should be identified by descriptive headings that are numbered. Appropriate figures and tables should be used to support the discussion. Use short paragraphs wherever possible. Express ideas clearly, and avoid using jargon. Abbreviations should be explained in the text. If many abbreviations are used, a table of abbreviations should be included.

Mathematical Expressions
All mathematical expressions should be typewritten. Greek letters and other symbols not available on the keyboard should be carefully inserted in ink, but clarity is essential. Equation numbers should be Arabic numerals enclosed in parenthesis on the right-hand side of the page. They should be cited in the text as, for example, equation (17), or equations (8)-(12), not as Eq. (3). Equations that might extend beyond one column width (8.3 cm in the journal) should be wrapped into two or more lines within column width. Mathematical operation signs indicating continuity of the expressions should be placed at the left of the second and succeeding lines. Use x rather than a centered dot, except for scalar products of vectors. To save space, the solidus (/) should be used instead of built-up fractions in running text, and in display wherever clarity would not be compromised. Use ”exp” for complicated exponents. Fractional powers are preferred to root signs and should always be used in more elaborate formulas.
The distinction between capital and lower-case letters should be clearly shown. Avoid confusion between zero (0) and the letter O; between the number (1), the letter l, and the prime (‘); between e, a, y and r, k and n; µ and u, v and n. Vectors will be set in boldface type. Authors should indicate this in their manuscripts by a wavy underscore. To avoid misunderstanding, the order of symbols should therefore be carefully considered. Particular attention should be paid to the proper use of braces, brackets, and parentheses (which should be used in this order). The level of subscripts and exponents should be clearly indicated.

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Line drawings must be clear and sharp. Clearly label ordinates and abscissas, in SI units. Use black ink on white paper. Drawings that are unsuitable for reproduction will be returned to the author for redrawing. The appropriate placement of each figure in the text should be indicated in the margin. The figures that appear in the journal will however be suitably reduced to one or two columns in width. Computer generated illustrations are acceptable so long as lines and graph points are dark and distinct. Lettering should be large enough to be legible after reduction. Photographs should be glossy prints, not matte or semi matte. Photographs should be used sparingly. Each figure must have a caption; captions should be listed on a separate sheet. Write author's name and the figure number with soft pencil on the back of the drawing. All diagrams, photographs and charts are to be referred to as figures, and should be numbered consecutively with Arabic numerals in the order in which they are cited in the text. They should be referred to in the text as, for example, Fig. 17 (or Figure 17 at the beginning of a sentence) or Figs. 13-17. Do not use correction fluid or tape on illustrations.

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Tables should be included only when considered essential. Position a double rule at the top and bottom of each table and a single rule under the column headings. Tables should be numbered consecutively with Arabic numerals and given a suitable caption and each table typed on a separate sheet. Footnotes to tables should be typed below the final double rule. Tables should not duplicate results presented elsewhere in the manuscript, (e.g. in graphs). All tables should be referred to in the text as, for example, Table 1.

Conclusions
The conclusions should stand alone without either references or referrals back to the main body of the text for more details.

Foot Notes
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References
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Technical Notes
Short manuscripts may qualify for publication in this category. Notes, not exceeding 7-8 pages including figures and tables are intended for prompt dissemination of new, significant data or developments of limited scope; they do not have abstract but do contain introduction and descriptions of results.

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