

Guidelines for authors and sample manuscript

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1. Introduction

In preparing the manuscript with LaTeX, please read and observe this sample manuscript. For MS Word users, template files are provided separately.

Please prepare a maximum three-page extended abstract, and send the PDF file to the symposium secretary via <https://keio.app.box.com/f/7a6a5da9127b4af29c5b829688f109a1> no later than 18th July 2025. The author is advised to set the file name as YourName_YourAffiliation.pdf, e.g. FukuzawaYukichi_KeioUniv.pdf.

The recommended structure of a manuscript is as follows: Introduction (purpose of the research, significance of the research supported by a literature survey, outline of contents, and so on), Main body of the text (theoretical analysis, method and results of experiment, interpretation of results and discussion, and so on), Conclusion (conclusions obtained through the research), Acknowledgment, Appendixes, References.

Apart from the above example, a different structure of manuscript may be accepted if it is the most suitable and effective style for the contents of the manuscript.

2. Title, authors' name and affiliations

Only the first word of title should be capitalized. The names of authors should be placed immediately below the title. The given names and family names should be spelled out with each character of family names capitalized. In the address (all authors' addresses should be listed except when multiple authors have the same address), give the prefecture, ward, city and postal code. Give "the country name" at the end of the address, and provide the e-mail address of the contact person. Do not provide e-mail addresses of authors other than the contact person.

3. Headings

The main body of the text should be suitably divided into sections (and if necessarily subsections, subsubsections and paragraphs), each with a heading. For instance,

4. Compensation of flow disturbance using estimated signal

4.1. Estimation of flow disturbance

4.1.1. Axisymmetric disturbance

Example This is an example of paragraph.

5. Figures, tables, photographs and online supplements

Figures and tables should be presented with sufficiently informative captions. Every caption should be complete and intelligible by itself without references to the text. See an example shown below:

Figures and tables should be presented with sufficiently informative captions. Too short captions are not accepted except when they are enough. Every caption should be complete and intelligible by itself without references to the text. See an example shown below. When figures from other papers are reprinted, the permission of the original authors is required.

Table 1 Examples of writing numbers.

Recommended	Not recommended
0.357	.357
3.141 6	3.141,6
$3.141\ 6 \times 2.5$	$3.141\ 6 \cdot 2.5$
$3.141\ 6 \times 10^3$	$3.141\ 6E + 3$
1000 or 1 000	1,000

Table 2 Examples of writing a square root and a fraction.

Recommended	Not recommended
$\sqrt{(x-y)}$	$\sqrt{x-y}$
$(a+b)/(c+d)$	$a+b/c+d$

6. Citation of equations, references, tables, figures and others in the text

At the beginning of a sentence, “Equation” and “Figure” should not be abbreviated. Within a sentence, an equation is cited with the number and “Eq.” for example, “Eq. (1)”, and at the beginning of a sentence, it should be written out as “Equation (1)”. Within a sentence, a figure should be cited with “Fig.”, for example, “Fig. 1”, and at the beginning of a sentence, it should be written out as “Figure 1”.

$$d \left\{ \sum_{i=1}^N \frac{1}{2} m_i \left[\left(\frac{dx_i}{dt_i} \right)^2 + \left(\frac{dy_i}{dt_i} \right)^2 + \left(\frac{dz_i}{dt_i} \right)^2 \right] \right\} = \sum_{i=1}^N (X_i dx_i + Y_i dy_i + Z_i dz_i) \quad (1)$$

$$\overline{C}(t) = \frac{1}{N} \sum_{i=1}^N C_i(t) \quad (2)$$

$$\frac{p_v - p_{sat}}{p_{sat}} = - \left(2.13204 + 2 \sqrt{\pi} \frac{1-\zeta}{\zeta} \right) \frac{(u_v - u_{int}) \cdot n}{\sqrt{2RT_{int}}} \quad (3)$$

$$\frac{T_v - T_{int}}{T_{int}} = -0.44675 \frac{(u_v - u_{int}) \cdot n}{\sqrt{2RT_{int}}} \quad (4)$$

Italic type must be used for physical and mathematical symbols. Upright Roman type may be used for differentiation operator d as shown in Eq. (1).

7. References

Citations in the text are indicated by author’s last name and year with the list of references arranged in alphabetic order: for example, (Ahrendt and Taplin, 1951) or the book by Ahrendt and Taplin (1951). For a reference from three or more authors, the citation in the text is indicated by the first author’s name followed by “et al”. and the year: for example, (Takeuchi et al., 2006). If a reference is not written in English, authors are required to translate the title into English and indicate the original language as “(in Japanese)”, for example. See an example below.

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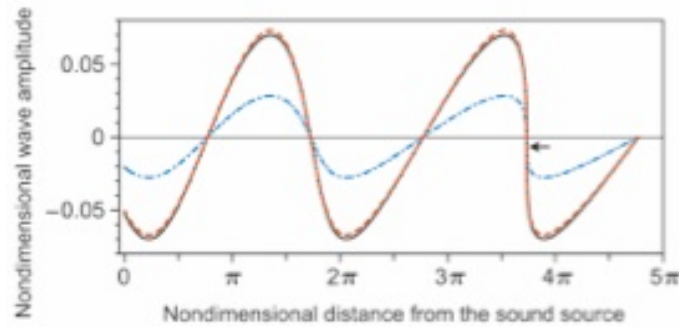


Fig. 1 Fig.1 The nonlinear propagation of plane acoustic wave radiated by the sound source. Using the exact solution of the system of Euler equations, the nondimensional profiles of fluid velocity, acoustic pressure and temperature variation at the time of shock formation are plotted with the solid (black), dashed (red) and dash-dotted (blue) curves, respectively. As the wave propagates, the nonlinear effect accumulates to distort the profile, and ultimately leads to the formation of shock wave. The shock formation point is denoted by a small arrow in the figure.

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