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Author need not edit header.

at the end of the address, and provide the e-mail address of the contact person.

(Example)

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3. Chapter heading

Manuscript has a line space between the chapter heading and main body sentence.

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

No space between the clause heading and its main body sentence is no problem.

3.1 Clause heading

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

No space between the section heading and its main body sentence is no problem.

3.1.1 Section heading

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

First letter of heading is capital letter

Common mistake example:

-4. CHAPTER HEADING

-4. Chapter Heading

4. Chapter heading

No space between each heading is no problem.

4.1 Clause heading

4.1.1 Section heading

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

5. Abstract

Title and abstract are the keys to your work. The length of the abstract should be 200-300 words. The abstract should appear immediately following the title, authors' names and affiliations. In the abstract, the authors should clearly state the contents of the manuscript so that readers can understand the contents of the paper without reading the main body.

Our journals place importance on the sufficiently informative abstract. Authors should carefully prepare the abstract, referring to the following instruction: In the beginning of the abstract, the subject of the paper should be stated clearly, together with its scope and objectives. Then, the methods, equipment, results and conclusions in the paper should be stated concisely in a sufficiently logical manner. The discussion on the results may also be stated to emphasize their importance appropriately. A summary leading to conclusions is not required. Figures, tables and references in the text should not be cited. If the citation of an equation is unavoidable, the full equation should be given rather than citing only the equation number. Do not insert line feeds in the abstract, i.e., the abstract should be written as only one paragraph.

6. Keywords

Five to ten keywords should be given below the abstract. The keywords should be chosen so that they would best describe the contents of the paper. They are also useful in the classification and search of papers. The use of hyphens, prepositions and articles should be avoided. Capitalize the initial letter of each word.

7. Figures, tables, photographs and online supplements

★Common mistake: The heading and its sentence are separated by astride pages

7. Figures, tables, photographs and online supplements

Figures, photographs and tables can be used to describe clearly and accurately the contents of the paper. In general, figures are useful for presenting general tendencies, and tables are suitable for presenting specific numeric values and data. The use of figures, tables and others should be limited to important and representative ones that make the authors' statement persuasive. Since our journals are on-line journals, figures, photographs and tables can be presented in color.

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.

Manuscript has space between the sentence and the table at least a line.

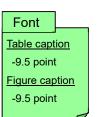


Table 1 Examples of writing numbers.

 Recommended
 Not recommended

 0.357
 .357

 3.141 6
 3.141,6

 3.141 6 × 2.5
 3.141 6 · 2.5

3.141 6E+3

1,000

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

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

Abbreviation is prohibited.

Table does not stick out the sentence width.

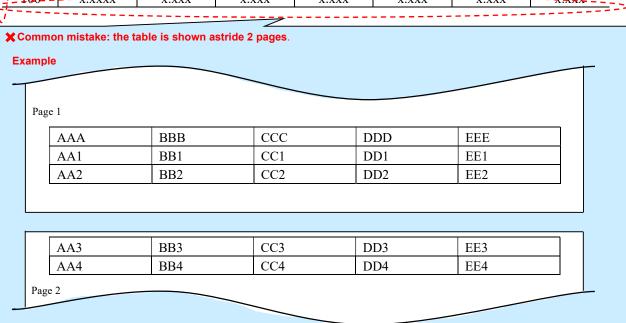
 $3.141~6\times10^3$

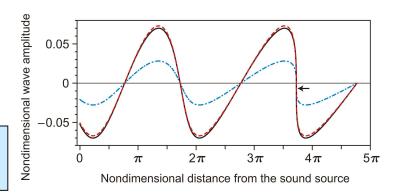
1000 or 1 000

Table caption must be <u>directly above</u> its table.

Table 3 Physical properties of air at atmospheric pressure.

<i>T</i> [°C]	ρ [kg/m ³]	$c_p [J/(kg \cdot K)]$	η[Pa·s]	v [m ² /s]	$k[W/(m\cdot K)]$	$a [m^2/s]$	Pr
į		×10 ³	×10 ⁻⁵	×10 ⁻⁵	×10 ⁻²	×10 ⁻⁵	
0	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
10	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
20	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
27	1.1763	1.007	1.862	1.583	2.614	2.207	0.717
30	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
40	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
50	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
60	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
70	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	X.XXX	x.xxx
80	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
90	x.xxxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx	x.xxx
_ 100	x.xxx	x.xxx	<u>x</u> .x <u>x</u> x	<u>x</u> . <u>x</u> xx	XXXX	_{X.XX}	x. xxx

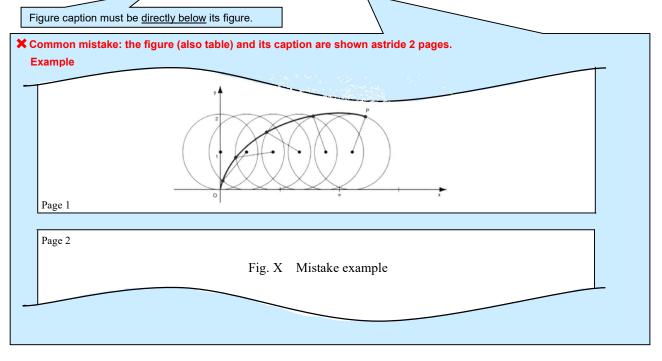




Caption is Abbreviated.

Common mistake example:
Figure 1 The ~

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.



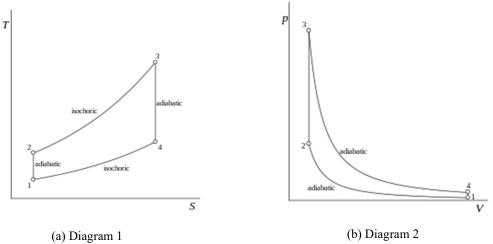


Fig. 2 Sample figure consists of more than two diagrams.

8. 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."

Manuscript has space between the sentence and equation at least a line.

Equation number is right-justified.

$$\int_{i=1}^{N} d\left\{ \sum_{i=1}^{N} \frac{1}{2} m_i \left[\left(\frac{\mathrm{d} x_i}{\mathrm{d} t} \right)^2 + \left(\frac{\mathrm{d} y_i}{\mathrm{d} t} \right)^2 + \left(\frac{\mathrm{d} z_i}{\mathrm{d} t} \right)^2 \right] \right\} = \sum_{i=1}^{N} \left(X_i \, \mathrm{d} x_i + Y_i \, \mathrm{d} y_i + Z_i \, \mathrm{d} z_i \right)$$

Equation and its number are same line

6.8mm indent

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

$$\frac{p_{v} - p_{sat}}{p_{sat}} = -\left(2.13204 + 2\sqrt{\pi} \frac{1 - \zeta}{\zeta}\right) \frac{\left(\mathbf{u}_{v} - \mathbf{u}_{int}\right) \cdot \mathbf{n}}{\sqrt{2RT_{int}}}$$
(3)

$$\frac{T_{v} - T_{int}}{T_{int}} = -0.44675 \frac{(\mathbf{u}_{v} - \mathbf{u}_{int}) \cdot \mathbf{n}}{\sqrt{2RT_{int}}}$$
(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).

Caption number is not needed for "Acknowledgements~" and "References" headings.

¹9. Acknowledgments and conflicts of interest

This research is supported by JSME. ------

\10. 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). More than one reference from the same author(s) in the same year are identified by the letters "a", "b", "c", placed after the year: for example, (Karin and Hanamura, 2010a, 2010b). Unpublished works (including papers not yet submitted or not yet published) should be avoided. The complete name of the journal referred to should be given. Cite references published as recently as possible. It is recommended for contributors to cite articles published in journals of the JSME, if possible. 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.

Reference form sample.

- ~ is observed (Author1 and Author2, 20XX).
- ~ is observed (Author1 et al., 20XX).
- ~ is observed (Author1 and Author2, 20XX; Author3 et al., 20XX).
- ~ is observed by Author1 and Author2 (20XX).
- ~ is observed (Author 1, 20XXa, 20XXb).
- Author1 et al.(20XX) observed ~

X Common mistake example:

- -~ is observed [1].
- -~ is observed (Author1 et al, 20XX).
- ~ is observed (Author1 et al. 20XX).
- -~ is observed (Author1 and Author2, 20XX) (Author3 et al., 20XX).
- ~ is observed (Author1 and Author2, 20XX, Author3 et al., 20XX).

- (Author1 et al., 20XX) observed ~

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Reference rule in "Reference" chapter

- -Books: Author name, Title (year), page, Publisher (Language except for English)
- -Journal paper: Author name, Title, Journal name, Journal volume, Journal Number (year), page or DOI (Language except for English)
- -Journal paper (JSME): Author name, Title, Journal name (Language except for English), Journal volume, Journal Number (year), DOI
- -Online site: Internet site name, Article title (online), available from <URL>, (Accessed date)
- -Patent: Inventor name, title, country, state of patent, patent number (year)

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