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| --- | --- |
| Recommended | Not recommended |
| 0.357 | .357 |
| 3.141 6 | 3.141,6 |
| 3.141 6×2.5 | 3.141 6・2.5 |
| 3.141 6×103 | 3.141 6E+3 |
| 1000 or 1 000 | 1,000 |

Table 1 Examples of writing numbers.

|  |  |
| --- | --- |
| Recommended | Not recommended |
|  | √ |
|  |  |

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

Table 3 Physical properties of air at atmospheric pressure.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [oC] | [kg/m3] | [J/(kg·K)] | [Pa·s] | [m2/s] | [W/(m·K)] | [m2/s] |  |
|  |  | ×103 | ×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.xxxx | x.xxx | x.xxx | x.xxx | x.xxx | x.xxx | x.xxx |

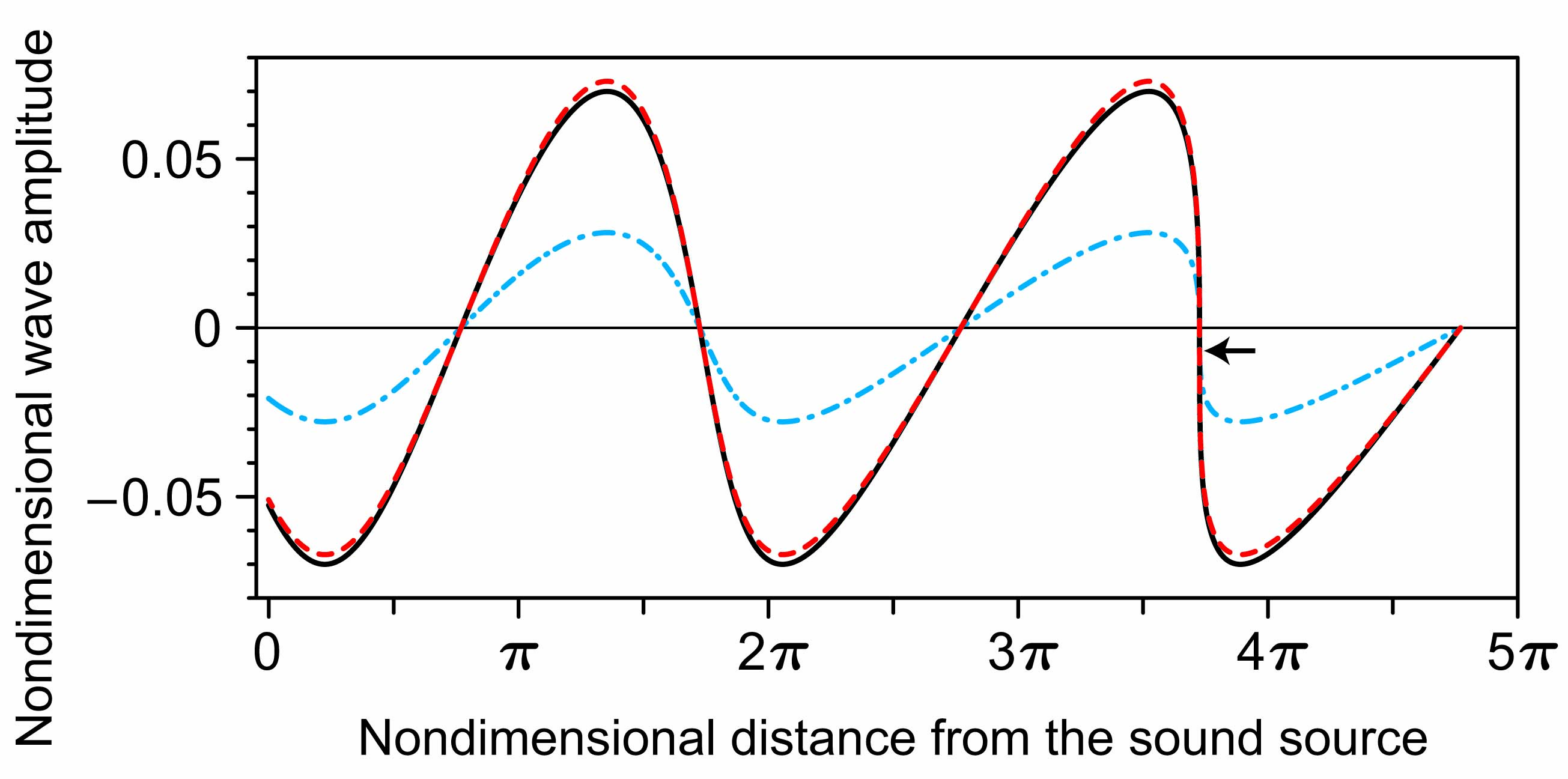


Fig. 1

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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 (1)

 (2)

 (3)

 (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).

9. Acknowledgments and conflicts of interest

Acknowledgments to the collaborators, advisors, funding sources, organizations, and so forth, who aided in writing the paper, should be noted in this section. All author(s) or co-author(s) who may have a conflict of interest regarding the content of the manuscript should explicitly declare such information in the interest of accountability and transparency.

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.

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