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25mm**

# **Title centered, Times Roman 18-point font, bold**

**Authors name 14-point, non-bold<sup>1</sup>, another author<sup>1</sup> and author<sup>2</sup>**

<sup>1</sup>National Maritime Research Institute, Tokyo, Japan

<sup>2</sup>Ship Research Institute, Osaka, Japan

## **SUMMARY**

Main headings in capitals, Times Roman 10-point font, bold. Do not number the headings. Start with a summary. Do not insert page numbers.

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The maximum page length of paper is six. Paragraph indentations should be 6mm. Page size should be A4, 10pt. Times Roman or equivalent size font, single-space, 25mm margins, and a two-column newspaper format.

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## **INTRODUCTION**

The missions of this workshop are to assess the state of the art in computations of viscous flow around a ship hull and to accelerate research and development of numerical ship hydrodynamics.

## **COMPUTATIONAL METHOD**

The incompressible viscous flow solver used in the present work is the upwind finite volume code (Hirata, 1999).

## **Sub-headings**

Sub-headings in lower-case, Times Roman 10-point font bold.

<sup>3</sup> Footnotes are designated by superscript numerals, and numbered in consecutive order starting with one. The text of the footnote should be 8-point Times Roman.

<sup>4</sup> If the authors are from more than two institutions and more than one author, then institutions are superscripted and write down as footnotes.

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## **Equations**

Leave one space between equations and text material. Number the equations in sequence from equation (1) to the end of paper, including appendices, if any. Enclose the equation numbers in parentheses and place them flush with the right-hand margin of the column.

**8mm**

equations as follows:

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$$|\omega| = |\omega| + C \min(0, |S| - |\omega|) \quad (1)$$

where S is the magnitude of the strain-rate tensor.

## **EXPERIMENT**

### **Unit**

All papers submitted shall use standard international(SI) units. Others units may be included in parentheses.

For example, the pressure of this point is 98Pa(10kgf/m<sup>2</sup>, 10mmAq.), and the power of this engine is 735kW(75000kgf-m/s, 1000PS).

## **ILLUSTRATIONS**

All artwork, graphs, and tables should be inserted in the appropriate within the file. Figures should be reduced to one-column width; in exceptional cases, figures or tables may be extended across the page. Figures numbers, captions, and any explanatory legend should be below the figure. There should be a minimum of two line spaces between figures and text. If a full-width figure is used, the caption should be properly centered. Return to the column layout for the subsequent text.

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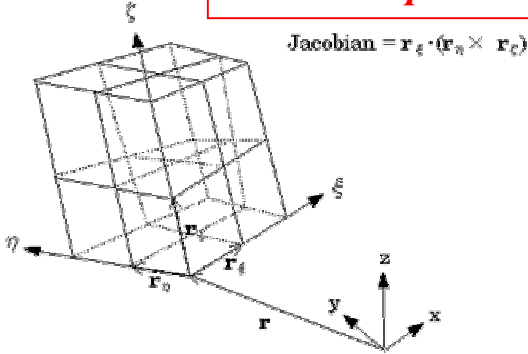


Fig. 1 Coordinates and Jacobian

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exceptional cases figures or tables may be extended across -----

**Two line spaces**

Table 1 Font size

	Point		Case
Title	18	Bold	
Authors	14		
Institutions	14(or 8)		
Heading	10	Bold	Capital
Sub-heading	10	Bold	Lower
Text	10		
Footnotes	8		
In the tables	>= 8		

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**Table**

Tables with a moderate amount of information should be positioned **within one-column**. However tables with a large amount of information may be extended across two columns. Information in the tables **should be no smaller than 8-pt**. Times Roman. Again, there should be a minimum of **two line spaces** between tables and text. Table numbers and captions should be placed before the table text.

**REFERENCES**

List all bibliographic references at the end of the paper. When referring to them in the text, type the **authors' name and publication year in parentheses**, preceding the period if it falls at the end of a sentence. References should be complete. In listing them, please follow the style recommended by the Engineers Joint Council and illustrated below (do not use separate headings for journals, book, etc.).

Book, E., and Bratman, H., "Using Compilers to Build Compilers," SP-176, Aug. 1960, Systems Development Corp., Santa Monica, Calif.

Del Sasso, L.A., Bej, L.G., and Renzel, D., "Low-Scale C-Flight Ballistics Measurements of Guided Missiles," Journal of Aeronautical Sciences, Vol. 15, No. 10, Oct. 1958, pp. 605-608.

Hirata, N. and Hino, T., "An Effective Algorithm for Simulating Free-Surface Turbulent Flows around an Advancing Ship", J. of Soc. Naval Architects of Japan, vol.185, 1999, pp.1-8.

Segre, E., ed., Experimental Nuclear Physics, 1<sup>st</sup> ed., Vol. 1, Wiley, New York, 1953, pp. 6-10.

Soo, S.L. "Boundary Layer Motion of a Gas-Solid Suspension," Proceedings of the Symposium on Interaction Between Fluids and Particles, Institute of Chemical Engineers, vol.1, 1962, pp. 50-63.

Turner, MJ., Martin, H.C., and Leible, R.C., " Further Development and Applications of Stiffness Method," Matrix Methods of Structural Analysis, 1<sup>st</sup> ed., Vol. 1, Macmillan, New York, 1964, pp. 6-10.