INSTRUCTIONS FOR AUTHORS

Submission of papers

Authors are encouraged to submit their original manuscripts online via the website: http://www.JMech.org.tw, where electronic submission and complete instructions for the preparation of manuscripts can be found.

The Journal employs a peer review system in the processing of manuscripts submitted for publication. Each manuscript is sent to reviewers (usually two or more) who are experts in the related fields. Decision as to the publication of the paper is based on the opinions expressed by the reviewers and the judgment of the Editorial board. Reviewers' suggestions for the revision of the manuscript are passed on to the author(s), who is entitled to make use of them or rebut them as he or she sees fit.

If there are any questions with regard to manuscript submission, please contact: kathy@iam.ntu.edu.tw

Manuscript preparation

Papers should conform to the following instructions:

- **Language:** The manuscript should be written in good English. It should have been carefully checked for clarity, conciseness, correctness of grammar, and typographical errors. Manuscripts should be typed and double-spaced with ample margin on one side of 21 × 30 cm sheets (A4 format).

- **Length:** A full length paper or review including figures and tables should not normally exceed 4 pages. For a rough estimate, count 3 manuscript pages per printed page and 4 one-column figures per printed page. Space for figures, tables, and references lists, all of which are highly variable, should be estimated by comparison to closely similar material published in the Journal.

- **Format:** The main divisions are suggested to be arranged as follows: 1. Title page (containing: article, title, author (s), affiliation (s), and corresponding author's address, phone number, fax number and email address); 2. Abstract (of 200 words or less); 3. Keywords (of 4 or less); 4. Main text (containing: introduction, methods of solution, results and discussion, conclusion): 5. Acknowledgements; 6. Appendices; 7. References; 8. Tables; 9. Figure captions; 10. Figures. Abstracts are not required for short papers.

- **Figures:** All photographs, charts and diagrams are to be referred to as “Figures”. Captions to figures should be typed consecutively on a separate page (s) at the end of the paper. The preferred format for figure files is .eps or .tiff at a resolution of 1200 dpi for lines, 600 dpi for greyscale and 300 dpi for colour (which preferably should also be in CMYK - cyan magenta yellow black - format). Colour art is free of charge for online publication. If figures will be printed in black and white, please ensure that the main information will be visible and do not refer to colour in the text.

- **Tables:** Tables should be typed as part of the text, but in such a way as to avoid confusion with the text. Authors should try to ensure that a single table does not overlay on to the next page. All tables should have headings and be numbered.

- **Units:** Use of the international system units (SI units) is obligatory. Wherever possible, equations should be written in dimension form.

- **Equations:** Mathematical expressions should be consecutively numbered throughout the body of the paper at the right-hand margin in parentheses. Numbering starts anew with each appendix: Appendix A: (A1), (A2), etc., Appendix B: (B1), (B2), etc. Equation numbers mentioned in the text should be enclosed in parentheses, i.e. Eq. (1), Eqs. (1), (2).

- **References:** References should be indicated in square brackets according to the order of appearances in the text, i.e. [1], [2-4]. The full list should be collected at the end of the paper in numerical order. Examples of layout of references are given below.

1. Brown, H. E., Amstead, B. H. and Short, E., “Temperature and Velocity Distribution and Transfer of Heat in a Liquid Metal,” *J. Heat Transfer*, 79, pp. 279–285 (1957).

2. Zienkiewicz, O. C., *The Finite Element Method*, 3rd Edition, McGraw-Hill, Maiden Head, England, pp. 45–48 (1977).

3. Chen, W. H. and Wu, C. W., “On Elastodynamic Fracture Mechanics Analysis of Bi-Material Structures Using Finite Element Method,” *Proc. 4th Conf. on Theo. Appl. Mech*., Taiwan, R.O.C., pp. 147–166 (1980).

4. Kobayashi, H., “Optimization of Elastic Structure,” M.S. Thesis, Dept. of Aeronautics and Astronautics, Mass. Inst. Tech., Mass., U.S.A. (1972).

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Technical Note