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: jom@pme.nthu.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 8 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," *Journal of 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. Zengerle, R., Richter, A. and Sandmaier, H., "A Micro Membrane Pump with Electrostatic Actuation," *Proceedings of Micro Electro Mechanical Systems Conference*, Germany (1992).

4. Kobayashi, H., "Optimization of Elastic Structure," M. S. Thesis, Department of Aeronautics and Astronautics, Massachusetts Institute of Technology, Massachusetts, U.S.A. (1972).

After acceptance

The corresponding author will be notified by the Editor-in-Chief of the Journal upon acceptance of the article and invited to supply an electronic version of the accepted manuscript. In the course of the production process, the corresponding author will be asked to transfer the copyright of the article to the Society. This transfer will ensure the widest possible dissemination of information.

Page charges

There will be no page charges for contributions from outside of Taiwan.

For contributions from Taiwan, a regular page charge of NT$500 per page will be assessed for articles within 8 published pages (full length papers) or 4 published pages (technical notes). In addition, an excess page fee of NT$2,000 per each exceeding page will also be charged to the author(s).

PDF offprint

An author is entitled to a PDF offprint of the published paper free of charge. The PDF offprint will be sent to the corresponding author at the email address supplied on submission. Print offprints may be ordered separately (in multiples of 50).

https://doi.org/10.1017/S1727719114000410 Published online by Cambridge University Press

Journal of Mechanics Volume 30 Issue 3 June 2014

219. Vibrational Behavior of an Electrically Actuated Micro-Beam with Thermoelastic Damping
A. Karami mohammadi, N. Ale Ali

229. Probability Distribution for Mobilized Shear Strengths of Saturated Undrained Clays Modeled by 2-D Stationary Gaussian Random Field - A 1-D Stochastic Process View
J. Ching, C.-J. Lin

241. Chain Length Effect on Surface Stress of Alkanethiolates Adsorbed onto $\sqrt{3} \times \sqrt{3}R30°$ Au(111) Surface: a van der Waals Density Functional Study
Y.-C. Shih, C.-S. Chen, K.-C. Wu

247. Spray Performances and Cryogenic Characteristics of CO_2 Snow under Cryosurgery Guided by Endoscopic
T.-C. Lin, Y.-J. Shen, M.-R. Wang

255. Modeling and Simulation of Urethra Valve of Bladder Power Pump
X. Li, T. Guan, C.-B. Liu, W.-J. Huang

265. Effects of Variable Viscosity and Thermal Conductivity on Natural-Convection of Nanofluids Past a Vertical Plate in Porous Medium
A. Noghrehabadi, M. Ghalambaz, A. Ghanbarzadeh

277. Flow Features of a Conducting Fluid Near an Accelerated Vertical Plate in Porous Medium with Ramped Wall Temperature
P. K. Kundu, K. Das, N. Acharya

289. Convective-Radiation Effects on Stagnation Point Flow of Nanofluids over a Stretching/Shrinking Surface with Viscous Dissipation
D. Pal, G. Mandal, K. Vajravelu

299. On the Instability of Plane Poiseuille Flow of Two Immiscible Fluids Using the Energy Gradient Theory
I. Farahbakhsh, S. S. Nourazar, H. Ghassemi, H.-S. Dou, A. Nazari-Golshan

307. Stall Inception and Development Process Due to Tip Leakage Flow in Axial Compressor Rotor Blades Row
R. Taghavi-Zenou, S. Abbasi, S. Eslami

315. Newton's Laws of Motion Based Substantial Aether Theory of the Universal Gravity Force
T.-W. Lin, H. Lin

Technical Note

N1. Flexural Strength and Fatigue Characterization of Exotensioned Composite Beams
B. J. Rael, Y.-L. Shen

Cambridge Journals Online
For further information about this journal
please go to the journal web site at:
journals.cambridge.org/jom

CAMBRIDGE UNIVERSITY PRESS

https://doi.org/10.1017/S1727719114000410 Published online by Cambridge University Press