

## INSTRUCTIONS TO AUTHORS

Manuscripts should be in English and written in a concise form. A clearly typed original and two copies should be submitted. The text should be typed double spaced and with one inch margin on all four sides. The pages should be consecutively numbered and securely fastened.

THE TITLE PAGE should contain the following:

(i) the title, which should be brief and specific with words suitable for indexing; (ii) the names of the author(s) and the department(s) where the work was carried out; (iii) a footnote, with the present address of the author(s) if different from that in (ii); (iv) an abstract not exceeding 200 words, which should summarize the material covered in the paper and include the significant results; (v) keywords, as many keywords as possible, should be suggested to help in indexing and information retrieval; (vi) the major discipline to which the article belongs, for purposes of indexing; and (vii) a running title, for the printer, not exceeding 50 characters.

THE TEXT should begin on page 2. It is preferable to break up the text into different sections with suitable numbered headings such as:—1. INTRODUCTION, 2. EXPERIMENTAL—ARRANGEMENT, 3. THEORETICAL ANALYSIS.....6. CONCLUSIONS and 8. ACKNOWLEDGEMENTS.

REFERENCES should be indicated in the body of the text, by Arabic numerals placed with square brackets at places. E.g. ... "Earlier Bose [6] had measured...". A list of the references should be typed in double spacing on a separate sheet in the order of their occurrence in the text and appended at the end of the paper. The references should be given with full details as in the following examples:

[3] Kumar, N. and Athreya, K. B., A three-dimensional ferromagnetic model. *Proceedings of the Indian Academy of Sciences*, 1972, 13A, 98-117.

[8] Higdon, A., *Engineering Mechanics*, 1968, Vol. 1, Ch. 3, pp. 79-104, Prentice-Hall, New Jersey.

[9] Gangadharaiiah, T., *The Characteristics of Self-aerated Flows*, 1969, Ch. 2, pp. 25-27, Thesis (unpublished), Indian Institute of Science.

TABLES should be included only if essential. They should be numbered consecutively with Arabic numerals and typed on separate sheets. Every table should contain a descriptive title.

FIGURES should be drawn with Indian ink on good tracing paper. It is most important that the lines and the lettering are sufficiently bold to permit reduction to the size of the page of the Journal. Each original drawing should be accompanied by two ammonia prints or Xerox copies. The original drawing will be retained in the Editorial Office to prevent damage during postal transit. The figure captions should be typed on a separate page.

MATHEMATICAL SYMBOLS should be identified with pencil in the left-hand side margin. Standard mathematical notations should be adhered to. Please distinguish between "kay" and "kappa", "ell" and "one" and other similar symbols likely to cause confusion.

ABBREVIATIONS, such as *et al.* and *i.e.*, can be used. If non-standard abbreviations or acronyms are used they should be explained where they appear first in the text.

GALLEY PROOFS will be sent to the first author for correction. The galley proofs should be carefully scrutinized and corrected, so that the material is in the final form. The proofs should be returned *within 72 hours* of the receipt.

REPRINTS can be had at a nominal cost, if they are ordered at the time of returning the corrected proofs. Fifty reprints are given free of charge if there is one author and 100 reprints if there is more than one author.

The manuscripts will be returned back if the above instructions are not followed.

The manuscripts should be sent to The Editor, *Journal of the Indian Institute of Science*, C/o I.I.Sc. Library, Bangalore-560012. All further correspondence regarding the manuscripts should be addressed to The Editor.