

INSTRUCTIONS TO AUTHORS

MANUSCRIPTS should be in English and written in a concise form. Three type-written double-spaced copies with one set of original Indian ink drawings and two sets of prints are to be submitted. The pages should be consecutively numbered and securely fastened.

TITLE PAGE should contain the following: (i) a brief title with suitable words for indexing; (ii) the names of the authors and the institution(s) where the work was carried out; (iii) a footnote with the present address of the authors, if different from (ii); (iv) a 75-word Abstract which summarises the significant results of the communicated paper; (v) key words for indexing and information retrieval; (vi) major discipline; and (vii) a running/short title.

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 . . . and 7. Conclusions. Acknowledgements should appear at the end of the paper, but before references.

REFERENCES should be indicated by Indian/Arabic numerals with superscript letters, e.g., "Earlier Bose⁶ has measured. . .". A list of 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. References should be given with full details as in the following examples:

3. RAMAKRISHNA NAIDU, G. AND NAIDU, P. R. Isotopic exchange study of nickel xanthate in the presence of toluidines, *Proc. Indian Acad. Sci.*, 1978, 87A, 443-446.
8. HINGDON, A. *Engineering mechanics*, 1968, Vol. 1, Ch. 3, pp. 79-104, Prentice-Hall.
9. RAMA MURTHY, K. *Conveyance of state distributions in multi-type Bellman-Harris and Crump-Mode-Jagers branching processes*, Ph.D. Thesis, Indian Institute of Science, Bangalore, India, 1978.

LENGTH of papers: Up to 25 pages (about 8,000 words) for full papers and 6 pages (2,000 words) for short communications.

TABLES should be included only when considered essential. They should be numbered consecutively with Roman 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 lettering are sufficiently bold to permit reduction to the Journal size. Captions should be typed on a separate sheet.

MATHEMATICAL SYMBOLS should be identified with pencil on the margins. 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 *e.g.*, *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 authors for correction. They should be carefully scrutinized and returned within three days of receipt.

REPRINTS: Fifty reprints are supplied gratis. Additional reprints (up to 50) can be ordered while returning corrected galley proof.

PAPERS received for publication are subjected to rigorous review process.

MANUSCRIPTS should be sent to the Editor, JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE, C/O IISc Librarian, Bangalore 560012 India