

THE PREPARATION OF MANUSCRIPTS

The attention of authors is particularly directed to the following requests.

1. Papers should be typed, double-spaced, on one side of white paper (of which A4, 210 by 297 mm, is a suitable size). The pages must be numbered. Margins of 30 mm should be left at the side, top and bottom of each page. The copy sent must be clear.

A cover page should give the title, the author's name and institution, with the address at which mail is to be sent to him.

The title, while brief, must be informative (e.g. *A new proof of the prime-number theorem*, whereas *Some applications of a theorem of G. H. Hardy* would be useless).

The first paragraph or two should form a summary of the main theme of the paper, providing an abstract intelligible to mathematicians.

For a typescript to be accepted for publication, it must accord with the standard requirements of publishers, and be presented in a form in which the author's intentions regarding symbols etc. are clear to a printer (who is not a mathematician).

The following notes are intended to help the author in preparing his manuscript. New authors may well enlist the help of a senior colleague, both as to the substance of their work and the details of setting it out correctly and attractively.

2. Notation

Notation should be chosen carefully so that mathematical operations are expressed with all possible neatness, to lighten the task of the compositor and reduce the chance of error.

For instance, n_k (n sub k) is common usage, but avoid if possible using c sub n sub k . Fractions are generally best expressed by a solidus. Complicated exponentials like

$$\exp \{z^2 \sin \theta / (1 + y^2)\}$$

should be shown in this and no other way.

In the manuscript, italics, small capitals and capitals are specified by single, double and triple underlining. Bold-faced type is shown by wavy underlining; wavy will be printed wavy.

It helps if displayed equations or statements which will be quoted later are numbered in order on the right of their line. They can then be referred to by, for example, 'from (7)'.

The author must enable the printer (if necessary by pencilled notes in the margin) to distinguish between similar symbols such as o , O , o , \bar{O} , 0 ; x , X , \times ; ϕ , Φ , \emptyset ; l , 1 ; ϵ , \in ; κ , k .

Greek letters can be denoted by Gk in the margin.

If an author wishes to mark the end of the proof of a theorem, the sign \square may be used.

Footnotes should be avoided.

3. Diagrams

It is extremely helpful if diagrams are drawn in indian ink on white card, faintly blue or green-lined graph paper, or tracing cloth or paper. *Symbols, legends and captions should be given on a transparent overlay*. Each text figure must be numbered as Figure 1, Figure 2, ... and its intended position clearly indicated in the manuscript:

Figure 1 here

The author must pencil his name on all separate sheets of diagrams.

A figure is expensive to reproduce and should be included only when the subject matter demands it, or when it greatly clarifies the exposition.

The Society recognizes that some authors do not have the facilities for producing drawings of a sufficiently high standard to be reproduced directly and it is therefore willing to have such diagrams re-drawn, provided that they are reasonably clear.

4. Tables

Tables should be numbered (above the table) and set out on separate sheets. Indicate the position of each in the text as for figures:

Table 3 here

5. References

References should be collected at the end of the paper numbered in alphabetical order of the authors' names. A reference to a book should give the title, in italics, and then in Roman type the publisher's name and the place and year of publication:

(4) JEFFREYS, H. *The earth*, 5th edition, University Press, Cambridge, 1970.

A reference to a paper should give in italics the title of the periodical, the number of the volume and year, and the beginning and end pages of the paper. Titles should be abbreviated as in *Mathematical Reviews*:

(6) LITTLEWOOD, J. E. The 'pits effect' for functions in the unit circle. *J. Analyse Math.* **23** (1970), 237-268.

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CONTENTS

	PAGE
CROFT, H. T. Cushions, cigars and diamonds: an area-perimeter problem for symmetric ovals	1
ANG, DANG DINH and HOA, LE HOAN. On triangle contractive operators in Hilbert spaces	17
KENKU, M. A. The modular curve $X_0(39)$ and rational isogeny	21
WILSON, P. M. H. The arithmetic plurigenera of surfaces	25
TENNISON, B. R. Intersection multiplicities and tangent cones	33
WEISS, RICHARD An application of p -factorization methods to symmetric graphs	43
GOW, RODERICK. Representations and automorphisms of some wreath products	49
BURCH, A. LINDSAY. A theorem on integral closures of ideals in semi-local rings	55
FALCONER, K. J. Consistency conditions for a finite set of projections of a function	61
ARMITAGE, D. H. On harmonic functions which take integer values on integer lattices	69
RITTER, G. On dichotomy of Riesz products	79
THOMASON, R. W. Homotopy colimits in the category of small categories	91
MECKE, J. A remark on the construction of random measures	111
ALDOUS, D. J. Unconditional bases and martingales in $L_p(F)$	117
CLEAVE, J. P. Generic bifurcations of forced oscillations of integrable mechanical systems	125
OLVER, PETER J. Euler operators and conservation laws of the BBM equation	143
BEEB, JOHN K. and EHRICH, PAUL E. Singularities, incompleteness and the Lorentzian distance function	161
HILL, R. Theoretical plasticity of textured aggregates	179

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