

Corrigenda

On behalf of the authors and the Press, the editor has to notify the following amendments.

Volume 48 (1952), 72–86 and 519–20

J. W. S. Cassels. 'The inhomogeneous minimum of binary quadratic, ternary cubic and quaternary quartic forms.'

Professor H. W. Lenstra Jr has pointed out that there is a mistake in the proof of Theorem 6, and that the constant 5300 must be replaced by the worse constant 16730. In (iii) of Lemma 16, k should be replaced by k^2 and consequently $k^{\frac{1}{2}}$ by $k^{\frac{1}{4}}$ in the display at the bottom of page 85. The new estimate results then from putting $k = (2 \cdot 35)^2$.

Volume 87, part 3, pages 459–69

W. H. Lin, D. M. Davis, M. E. Mahowald and J. F. Adams. 'Calculation of Lin's Ext groups.'

The diagram (1.5) at the foot of page 460 should be interchanged with that on page 462.

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.

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 the typescript. New authors may well enlist the help of senior colleagues, 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 , O , 0 ; x , X , \times ; ϕ , Φ , \varnothing ; 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 \blacksquare 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's name in pencil must be 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 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
WRIGHT, E. M. A quadratic recurrence of Faltung type	193
LORIMER, P. On projective planes of type $(6, m)$	199
HYLAND, J. M. E., JOHNSTONE, P. T. and PITTS, A. M. Tripos theory	205
PRIDE, S. J. One-relator quotients of free products	233
JARRATT, J. D. The decomposition of crystal families	245
BRUCE, J. W. Canonical stratifications of functions: the simple singularities	265
BRUCE, J. W. and GIBLIN, P. J. On real simple singularities	273
ROBBIANO, L. and VALLA, G. On the equations defining tangent cones	281
CONNELLY, R. and HENDERSON, D. W. A convex 3-complex not simplicially isomorphic to a strictly convex complex	299
CHILLINGWORTH, D. R. J. Collapsing three-dimensional convex polyhedra: correction	307
BRYANT, J. L. and LACHER, R. C. Resolving acyclic images of three-manifolds	311
MONTESINOS, J. M. A note on 3-fold branched coverings of S^3	321
POWER, S. C. The distance to upper triangular operators	327
TSIRULNIKOV, B. Subspaces with property (b) in locally convex spaces of quasi- barrelled type	331
BRAMSON, M. and GRIFFEATH, D. On the Williams-Bjerknes tumour growth model: II	339
HILL, R. Basic stress analysis of hyperbolic regimes in plastic media	359
HUDSON, J. A. Overall properties of a cracked solid	371

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