

THE AUSTRALIAN MATHEMATICAL SOCIETY

<i>President:</i>	P. A. P. MORAN	Australian National University
<i>Secretary:</i>	W. PYE	State College of Victoria at Melbourne, Grattan and Swanston Streets, Carlton, Vic. 3053.
<i>Treasurer:</i>	V. G. HART	Department of Mathematics, University of Queensland, St Lucia, Qld, 4067.
<i>Business Manager:</i>	E. T. STELLER	
<i>Membership subscriptions:</i>	Institutions:	A\$145
	Other members:	A\$20 with a discount of \$5 for those who pay before 31 March, 1977. (This may be reduced to half for undergraduates and junior graduates.)

Reciprocity agreements: Such agreements have been made with a number of other mathematical societies. Under the agreements members of the other societies who are not normally resident in Australia may join the Australian Mathematical Society at half the current rates.

Membership and correspondence: Applications for membership, notice of change of address or title or position, and other correspondence, except as noted below, should be sent to the Secretary. Subscriptions and correspondence related to accounts should be sent to the Treasurer. Correspondence about the distribution of the Society's GAZETTE, JOURNAL and BULLETIN, and orders for back numbers, should be sent to the Business Manager.

Members receive the Gazette free and are entitled to purchase other publications at the following rates:

Journal — Series A	\$10 per year
Journal — Series B	\$2.50 per year
Bulletin	\$10 per year.

OTHER PUBLICATIONS OF THE SOCIETY
THE JOURNAL SERIES A (PURE MATHEMATICS)

Editor: Professor J. N. CROSSLEY,
Department of Mathematics,
Monash University,
Clayton, Vic. 3168.

Two volumes of four parts are published at a price of A\$36 per volume, in 1977. Manuscripts should be sent to the Editor or an Associate Editor listed in Series A.

THE BULLETIN of the Australian Mathematical Society began publication in 1969. Two volumes of three numbers are published annually. Manuscripts for publication should be sent to the Editor:

Dr B. H. NEUMANN,
Department of Mathematics,
Institute of Advanced Studies,
Australian National University,
POB 4, Canberra, A.C.T. 2600.

The Australian Mathematical Society GAZETTE started publication in 1974 and carries news items, mathematical articles of general interest, and articles on tertiary mathematics teaching. Manuscripts for publication should be sent to the Editor:

Dr A. van der Poorten,
School of Mathematics,
University of New South Wales,
Kensington, NSW 2033.

Copyright by Australian Mathematical Society 1975

Copyright. Apart from any fair dealing for scholarly purposes as permitted under the Copyright Act, no part of this JOURNAL may be reproduced by any process without written permission from the Treasurer of the Australian Mathematical Society.

PREPARATION OF MANUSCRIPTS

Authors of articles submitted for publication in the Journal are asked to ensure that their manuscripts are in a form suitable for sending to the printer. The necessary preparation should be done by the author before initial submission. We set out below a brief statement of the main points we ask authors to observe.

1. The author should submit 2 copies to the Editor or an appropriate Associate Editor and keep a complete copy of the article.

2. An abstract (not exceeding 250 words) should accompany each copy of the manuscript.

3. Manuscripts should be typed, on high quality A4 or quarto bond paper, one side only with at least double spacing, and with a margin of at least 4 cm all around. Diagrams and figures must be submitted in a form suitable for reproduction. IF THE TITLE IS LONG, SUPPLY ALSO A SHORTENED FORM OF THE TITLE NOT EXCEEDING 40 LETTERS, INCLUDING THE SPACES. If the author wishes to give acknowledgements of support and the like, these should be given in the introduction or at the end of the article, or by a footnote attached to the name of the author. Affiliation is shown at the end of the article, not at the beginning.

4. The conventions of the manual for authors of Mathematical papers by the American Mathematical Society should be used, but references in the text to other articles listed at the end are by Arabic numerals in square brackets. The reference list, to be placed at the end of the paper should be ALPHABETICAL ORDER of names of the first author. A typical layout is shown below.

[1] J. D. Eshelby, W. T. Read and W. Shockley, 'Anisotropic elasticity with applications to dislocation theory', *Acta Met.* 1 (1953), 251-259.

[2] A. E. Green and W. Zerna, *Theoretical elasticity* (O.U.P. 1st edition, 1954), Chapter 9.

[3] A. N. Stroh, 'Dislocations and cracks in anisotropic elasticity', *Phil. Mag.* 3 (1958), 625-646.

5. Avoid abbreviations such as "Thm", "iff", "eqn", "etc", "e.g.", "i.e.", "q.e.d.", "w.r.t.". Spelling and use of hyphens should be consistent.

6. A separate page "Notes to the Compositor" should include a list of all symbols and foreign letters.

Symbols which might be confused with other, for example, a , d , should be described at their first appearance in the manuscript. When used as order symbols, o and O should be shown as o , O .

Where several type faces are available to authors in preparing their manuscripts, they should opt for that which is least likely to cause confusion to the printer through ambiguity.

Latin italics are indicated by a single underline, thus: g , A . Such symbols need not be so indicated when they occur in displayed formulae, but should be underlined when they appear in the text if there is any possibility of ambiguity. Formal statements of lemmas and theorems are in italics and should be so shown in the manuscript. See also 7 below.

7. *The setting of the manuscript should imitate as closely as possible the intended final printed pages, particularly with regard to paragraphs, use and spacing of displayed formulae.* Indent the titles LEMMA, THEOREM, PROOF, REMARK, and the like. Such words will appear correctly in small capitals if they are underlined thus:

LEMMA

The journal places main headings centrally, and equation numbers on the right. Please observe these conventions. Boldface type is used for main headings and should be shown thus:

2. Preliminaries