## **GLASGOW MATHEMATICAL JOURNAL**

## Information for authors

**General policy.** The Glasgow Mathematical Journal publishes original research papers in any branch of Pure or Applied Mathematics. Its policy is to feature a wide variety of research areas and it welcomes the submission of papers from all parts of the world. Selection for publication is on the basis of reports from specialist referees commissioned by the Editors.

**Preparation of papers.** Papers should be typed or word-processed and prepared so as to conform to the practice in current issues of the Journal as regards general layout, references, tables and figures.

References should be placed at the end of the paper, arranged and numbered in alphabetical order. In the text, reference numbers should be enclosed in square brackets to distinguish them from formula numbers which should be quoted in round brackets. The following particulars should be given, in the order indicated:

- for references to books—author, title, edition, publisher, year of publication, page reference;
- for references to articles in periodicals—author, title of article, short title of periodical, series number (if any), volume number, year, pagination.

Text figures must be suitable for photographic reproduction and supplied separate from the text but allocated clearly to sections of the text.

Instructions regarding unusual symbols or any typographical point that might cause confusion should be provided on a separate sheet.

Authors are reminded that they should retain a copy of anything submitted for publication since neither the Journal nor its printers can accept liability for any loss.

**Proofs.** Prior to publication sets of proofs of each paper will be sent to authors. The Journal asks for the cooperation of authors in returning their proofs promptly and in minimising the corrections they ask for. Excessive corrections may be charged to authors.

**Offprints.** Authors of papers printed in the Journal are entitled to 50 offprints free of charge. Additional copies can be supplied at cost if ordered and paid for before publication. An order form will be sent with each set of proofs.

Submission of papers. Two copies of each paper should be sent to:

The Editors Glasgow Mathematical Journal, University of Glasgow, Department of Mathematics, University Gardens, Glasgow G12 8QW U.K.

## **CONTENTS**

Xingru Zhang, Cyclic surgery on satellite knots	125
Szilárd Gy. Révész and Imre Z. Ruzsa, On approximating Lebesgue	
integrals by Riemann sums	129
John Fountain, Free right type A semigroups	135
Alain Escassut and Marie-Claude Sarmant, The equation $y' = fy$ in zero	
residue characteristic	149
Brian Straughan, A note on surface film driven convection	155
Václav Koubek, Homomorphisms of $(0,1)$ -lattices with a given sublattice and quotient	159
P. J. C. Lamont, Factorization and congruence in the arithmetics of Cayley's algebra	171
<b>R. C. Smith,</b> Toeplitz operators and algebras of bounded analytic functions on the disk	181
I. Chou and J. D. Lawson, Attainable sets and one-parameter semigroups of sets	187
L. E. Labuschagne, Characterisations of partially continuous strictly cosin- gular and $\phi_{-}$ type operators	203
Ravi S. Kulkarni and Colin Maclachlan, Cyclic <i>p</i> -groups and symmetries of surfaces	213
Paulette Saab and Brenda Smith, Nuclear operators on spaces of continuous vector-valued functions	223
John Cossey, The Wielandt subgroup of a polycyclic group	231
Andrew M. Odlyzoko and Herbert S. Wilf, Functional iteration and the Josephus problem	235

## GLASGOW MATHEMATICAL JOURNAL Volume 33 Part 2 May 1991