

NOTES FOR AUTHORS

Papers to be considered for publication should be sent to the Editorial Secretary, The Royal Society of Edinburgh, 22 George Street, Edinburgh EH2 2PQ, Scotland.

A paper by more than one author must be submitted with a statement, signed by each author, to the effect that the paper in its entirety is approved by the joint authors and naming the author who will be responsible for correspondence with the Society.

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In view of the high cost of publication, authors must prepare their papers as concisely as possible. Manuscripts should be submitted in triplicate and preferably should be typewritten on one side of A4 paper, double spaced with adequate margins. Authors are advised to retain a copy of their papers as the Society cannot accept responsibility for any loss.

Every paper must be accompanied by a Synopsis, in general not exceeding two hundred words, which will be printed in small type at the beginning of the paper.

References within the text should be indicated by bold numbers in square brackets, e.g. [2] or [3, p. 167]. For style of references at end of text, see recent issues of *Proceedings A*.

Authors should ensure that punctuation carries through the mathematics in the proper manner. The use of hyphens should be consistent. In the text avoid such abbreviations as: iff, w.r.t., a.e., \forall , \exists , and thm.

Footnotes should be avoided. Headings should not be underlined. Every effort should be made to avoid complicated subscripts, superscripts, ranges of summation and integration. Horizontal fraction signs should normally be avoided: use either solidus signs / or negative exponents. Replace $e^{(\dots)}$ by $\exp[\dots]$ if the expression in parenthesis is complicated. Simple formulae should *not* be displayed unless they require a formula number. Use the prime ' or d/dx , but preferably not a dot, to denote ordinary differentiation. If possible use subscripts to denote partial differentiation of $\partial/\partial x$ etc. Bars reaching over several letters should be avoided: use $\sqrt{}$ or the exponent 1/2 for the square root. Sub-subscripts and super-superscripts should be avoided if possible: bars and other devices over indices cannot be supplied.

Note that confusion very often arises between 1 (one) and l (ell); 0 (zero) and O (Capital oh); \circ (composition) and o (lower case oh); x and \times ; U and \cup ; c and \subset ; \in (belongs to) and ϵ (epsilon); \emptyset (empty set) and ϕ (phi); $;$ and comma $,$; prime ' and 1 ; K and κ ; p and ρ ; w and ω ; \sum (summation) and Σ (capital sigma); \prod (product) and Π (capital pi); v (lower case vee) and ν (Greek nu); a (lower case a) and α (Greek alpha); y (lower case y) and γ (Greek gamma). Please provide pencilled indicators in the margin where necessary. Where capitals and lower case of the same shape have to be printed, please indicate accordingly. Show italics by single underlining (except in the formulae which are set up normally in italics), bold face/Clarendon by wavy underlining and Greek by red underlining.

The statement of theorems, lemmas, et cetera, will be printed in italics and should be underlined. In definitions key words only should be in italics.

Equations should be indicated by numbers in parentheses in the right-hand margin.

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CONTENTS

P. M. HIGGINS	
The varieties of commutative semigroups for which epis are onto	1
V. R. VAREA	
Lie algebras whose maximal subalgebras are modular	9
KURT KREITH and GORDON PAGAN	
Qualitative theory for hyperbolic characteristic initial value problems	15
J. PERRAUD	
On small cancellation theory over H.N.N. extensions	25
S. M. SHAH	
Entire solutions of linear differential equations and bounds for growth and index numbers	49
HANS L. CYCON	
Absence of singular continuous spectrum for two-body Schrödinger operators with long-range potentials (a new proof)	61
A. GUYAN ROBERTSON	
Positive extensions of automorphisms of spin factors	71
T. S. BLYTH and GRACINDA M. S. GOMES	
On the compatibility of the natural order on a regular semigroup	79
A. D. D. CRAIK	
Growth of localized disturbances on a vortex sheet	85
ALAN R. PRINCE	
Steiner triple systems of order 19 constructed from the Steiner triple system of order 9	89
G. WILKS	
A note on expansions for the two-dimensional, compressible, laminar boundary layer equation near a point of zero skin friction	93
HEINRICH BEGEHR and GEORGE C. HSIAO	
The Hilbert boundary value problem for nonlinear elliptic systems	97
JOSIP GLOBEVNIK	
On holomorphic extensions from spheres in \mathbb{C}^2	113
BERNHARD MERGLER and BERND SCHULTZE	
A perturbation method and the limit-point case of even order symmetric differential expressions	121
LEE DA-TSIN and SHI JIA-HONG	
Singularities of solutions for first order quasilinear hyperbolic systems	137
T. N. T. GOODMAN and S. L. LEE	
Cardinal interpolation by D^m -splines	149
R. E. KLEINMAN and G. F. ROACH	
Operators of minimal norm via modified Green's functions	163