

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.

Authors will receive fifty (50) offprints free of charge, this number to be shared between joint authors. Additional offprints may be obtained, in units of fifty, at a fixed scale of prices given on a form which will be attached to the proof.

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 $\exp[. . .]$ 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); $_1$ 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

HELMUT LÄNGER	
A characterization of endomorphism algebras	1
A. D. MYSHKIS, D. D. BAINOV and A. I. ZAHARIEV	
Oscillatory and asymptotic properties of a class of operator-differential inequalities	5
RICHARD ASKEY and JET WIMP	
Associated Laguerre and Hermite polynomials	15
V. B. MEHTA and A. RAMANATHAN	
An analogue of Langton's theorem on valuative criteria for vector bundles	39
M. M. ELHOSH	
On successive coefficients of close-to-convex functions	47
EMILIO ACERBI and GIUSEPPE BUTTAZZO	
Semicontinuous envelopes of polyconvex integrals	51
MARIAROSARIA PADULA	
On the traction problem for linear elastostatics in exterior domains	55
IVO DÜNTSCH	
Finite projective double Stone algebras	65
HANS VOLKMER	
On the completeness of eigenvectors of right definite multiparameter problems	69
L. F. HO	
Uniform basis properties of exponential solutions of functional differential equations of retarded type	79
ALAN R. PRINCE	
Local algebras and finite projective planes	95
ALEXANDER KOVAČEC	
On positive definite differences of multilinear forms and their representation	97
DAVID EASDOWN	
A new proof that regular biordered sets come from regular semigroups	109
RAFAEL JOSÉ IÓRIO, JR and DAN MARCHESIN	
On the Schrödinger equation with time-dependent electric fields	117
R. J. COLE, J. MIKA and D. C. PACK	
Complementary bounds for inner products associated with non-linear equations	135
W. DAVIDSON	
Gravitational theory in atomic scale units in Dirac cosmology	143
C. KEARTON	
Doubly-null-concordant simple even-dimensional knots	163
B. STRAUGHAN and F. FRANCHI	
Bénard convection and the Cattaneo law of heat conduction	175
R. S. PATHAK	
Corrigenda: Cauchy and Poisson integral representations for ultradistributions of compact support and distributional boundary values	179

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