NOTES FOR AUTHORS

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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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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 $e^{(...)}$ by $\exp[\ldots]$ 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 \subseteq : \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 : Σ (summation) and Σ (capital sigma): \prod (product) and \prod (capital pi): v (lower case vee) and v (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.

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(Section A)

Volume 102	1986 Part	s 1/2
	CONTENTS	
DANIELA LUPO and SERGIO SOL		
A note on a resonance pro	oblem	1
GARY G. GUNDERSEN	$C'' \rightarrow -7C' \rightarrow D' \rightarrow C \rightarrow 0 \rightarrow 1 \rightarrow 1$	
On the question of whether $f \neq 0$ of finite order	er $f'' + e^{-z}f' + B(z)f = 0$ can admit a solution	9
J ≠ 0 of minte order Henning Wiebers		9
	onlinear elliptic boundary value problems	
suggested by exothermic r		19
A. ALVINO, P. L. LIONS and G		
A remark on comparison	results via symmetrization	37
Stan Chiriță		
	lence in nonlinear elastodynamics	49
F. J. PASTIJN and MARIO PETRICH		
Rees matrix semigroups of	ver inverse semigroups	61
G. B. PRESTON		01
Semidirect products of semigroups J. RENSHAW		91
Extension and amalgamati	ion in rings	103
A. G. RAMM	ion in migs	105
Singularities of the inverse	es of Fredholm operators	117
KHR. N. BOYADZHIEV		
Generalizations of the La	ndau-Hadamard inequality and inequalities	
for quadratic polynomials	of operators	123
L. A. MEDEIROS		
Remarks on a non-well-po	osed problem	131
S. D. HOWISON		1 4 1
Marié Grobbelaar-Van Dals	media and Hele–Shaw cells	141
Fractional powers of a clo		149
Andrzej Borzymowski	see pair of operators	147
	blem for a high order polyvibrating equation	159
M. S. P. EASTHAM		
A repeated transformati differential systems	on in the asymptotic solution of linear	173

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