## NOTES FOR AUTHORS

Proceedings of the Royal Society of Edinburgh: Section A is a general journal, and papers in all areas of mathematics will be considered. Papers to be considered for publication should be sent to the Publications Manager, 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.

Authors must prepare their papers as concisely as possible. Manuscripts should be submitted in triplicate, on single-sided 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]. References at end of text should be in alphabetical order, numbered sequentially.

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. 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. Replace  $e^{(...)}$  by exp [...] if the expression in parenthesis is complicated. 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.

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 x: U and v: v (lower case vee) and v (Greek v): v (lower case v) and v (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.

Proofs of papers will be sent to the author. The cost of authors' corrections in excess of five per cent of the printers' charge for the setting of a particular paper will be charged to the author.

## Copyright

## © 1995 The Royal Society of Edinburgh

Except as otherwise permitted under the Copyright, Designs and Patents Act, 1988, this publication may only be reproduced, stored or transmitted, in any form or by any means, with the prior permission in writing of the publisher, or, in the case of reprographic reproduction, in accordance with the terms of a licence issued by the Copyright Licensing Agency. In particular, the Society permits the making of a single photocopy of an article from this issue (under Sections 29 and 38 of the Act) for an individual for the purposes of research or private study.

## PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH

(Section A)

Volume 125	1995	Part 6
	CONTENTS	
THOMAS MRZIGLOD		
	n components for nonlinear Hill's equations	1131
SILVIA CINGOLANI and LO		
potential	results for Lagrangian systems with subquadratic	1169
HERVÉ LE DRET and ANN	IIE RAOULT	
-	velope of the Saint Venant-Kirchhoff stored energy	
function		1179
HORNG JAAN LI and CHE		
equations	on theorem for half-linear second-order differential	1193
P. A. BINDING and PATRI		
	parameter eigencurves to Sturm-Liouville problems r-dependent boundary conditions	1205
V. Nesi		
	ive conductivity of two-dimensional composites made ases in prescribed volume fraction: the weighted trans-	
lation method		1219
M. SCHATZMAN		
On the stability of th	ne saddle sulution of Allen-Cahn's equation	1241
ZHU CHANGJIANG		
Global resolvability	for a viscoelastic model with relaxation	1277
ALBERTO ELDUQUE and H	Iyo Chul Myung	
Colour algebras and	l Cayley–Dickson algebras	1287
ALEXANDRE N. CARVALHO	0	
Contracting sets and	400 Mp (4 M (	1305
SOBHY EL-SAYED IBRAHIM		
The spectra of well-p	posed operators	1331
Author Index		1351

ISSN 0308-2105

Proc. Roy. Soc. Edinb., A 125