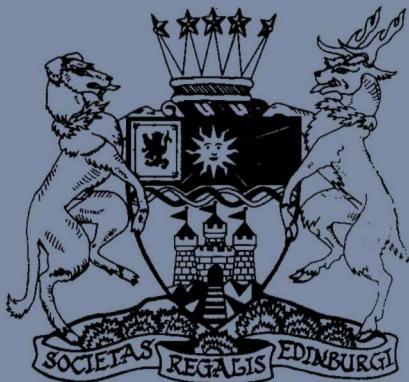


PEAMDU 103(179–359) 1986

Volume 103: Parts 3/4

THE ROYAL SOCIETY OF EDINBURGH



PROCEEDINGS

Section A (Mathematics)

ISSN 0308-2105

PUBLISHED BY THE ROYAL SOCIETY OF EDINBURGH
22 GEORGE STREET, EDINBURGH, EH2 2PQ

1986

EDITORIAL BOARD

Executive Editors

T. S. BLYTH
University of St Andrews

R. J. KNOPS
Heriot-Watt University

A. M. SINCLAIR
University of Edinburgh

J. M. BALL
Heriot-Watt University
F. F. BONSALL
University of Edinburgh
J. W. S. CASSELS
University of Cambridge
M. S. P. EASTHAM
King's College, London
J. R. HUBBUCK
University of Aberdeen

F. M. LESLIE
University of Strathclyde
J. B. MCLEOD
University of Oxford
E. G. REES
University of Edinburgh
D. A. R. WALLACE
University of Stirling
J. R. L. WEBB
University of Glasgow

A. D. SANDS
University of Dundee

R. M. S. SMELLIE
General Secretary
Royal Society of Edinburgh

W. DUNCAN
Executive Secretary
Royal Society of Edinburgh

Consulting Editors

H. AMANN
Universität Zürich
M. F. ATIYAH
University of Oxford
H. BREZIS
Université de Paris VI
Y. S. CHIN
Academia Sinica, Beijing, China
R. G. DOUGLAS
State University of New York at Stony Brook, USA
L. C. EVANS
University of Maryland, College Park, USA
L. E. FRAENKEL
University of Sussex
J. K. HALE
Brown University, Providence, RI, USA
TOSIO KATO
University of California, Berkeley, USA
ROBERT V. KOHN
New York University
J. KURZWEIL
Matematický ústav ČSAV, Praha, Czechoslovakia

D. LIVINGSTONE
University of Birmingham
J. E. MARSDEN
University of California, Berkeley, USA
J. MAWHIN
Université Catholique de Louvain
TAKAAKI NISHIDA
Kyoto University, Japan
A. PAZY
The Hebrew University of Jerusalem
DAVID L. RUSSELL
University of Wisconsin, Madison, USA
C. A. STUART
École Polytechnique Fédérale de Lausanne
L. TARTAR
Centre d'Etudes de Limeil, France
N. S. TRUDINGER
Australian National University, Canberra, Australia
W. WENDLAND
Technische Hochschule Darmstadt
A. ZETTL
Northern Illinois University, De Kalb, USA