

PEAMDU 95(181–366) 1983

Volume 95: 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

1983

EDITORIAL BOARD

Executive Editors

T. S. BLYTH
University of St Andrews

P. HEYWOOD
University of Edinburgh

R. J. KNOPS
Heriot-Watt University

J. M. BALL
Heriot-Watt University

A. JEFFREY
University of Newcastle upon Tyne

F. F. BONSALE
University of Edinburgh

J. B. McLEOD
University of Oxford

J. W. S. CASSELS
University of Cambridge

W. D. MUNN
University of Glasgow

J. DUNCAN
University of Stirling

E. M. PATTERSON
University of Aberdeen

W. N. EVERITT
University of Birmingham

G. F. ROACH
University of Strathclyde

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

W. H. RUTHERFORD
Executive Secretary
Royal Society of Edinburgh

Consulting Editors

H. AMANN
Universität Zürich

J. MAWHIN
Université Catholique de Louvain

F. M. ARSCOTT
University of Manitoba

A. PAZY
The Hebrew University of Jerusalem

F. V. ATKINSON
University of Toronto

ÅKE PLEIJEL
University of Uppsala, Sweden

H. BREZIS
Université de Paris VI

G. B. PRESTON
Monash University, Clayton, Australia

R. CONTI
Istituto Matematico, Firenze, Italy

G.-C. ROTA
Massachusetts Institute of Technology,
USA

M. S. P. EASTHAM
Chelsea College, London

DAVID L. RUSSELL
University of Wisconsin, Madison, USA

D. E. EDMUNDS
University of Sussex

F. STUMMEL
Johann Wolfgang-Goethe University,
Frankfurt am Main, Germany

AVNER FRIEDMAN
Northwestern University, Evanston,
Illinois, USA

J. K. HALE
Brown University, Providence, RI, USA

F. URSELL
University of Manchester

P. R. HALMOS
University of Indiana, Bloomington,
USA

P. WALTMAN
Emory University, Atlanta, USA

E. M. DE JAGER
Universiteit van Amsterdam

W. WENDLAND
Technische Hochschule Darmstadt

TOSIO KATO
University of California, Berkeley, USA

J. WERMER
Brown University, Providence, RI, USA

J. KURZWEIL
Matematický ústav ČSAV, Praha,
Czechoslovakia

A. ZETTL
Northern Illinois University, De Kalb,
USA