## PROCEEDINGS

## OF THE

## EDINBURGH MATHEMATICAL SOCIETY

## CONTENTS

R. J. fleming and j. e. jamison: Hermitian operators and isometries on
sums of Banach spaces 169
salvador romaguera: On equinormal quasi-metrics
page 193
T. N. T. GOODmAN, S. L. Lee and A. Sharma: Approximation and
interpolation by complex splines on the torus page 197
nakhlé habib asmar: A homomorphism theorem for multipliers page 213
GARY L. PETERSON: On the structure of an endomorphism near-ring page 223
R. S. PATHAK AND S. K. mISHRA: Asymptotic behaviours of a class of
integral transforms in complex domains 231
R. J. ARCHBOLD: Limits of pure states page 249

PEI-KEE LIN: A counterexample of hermitian liftings page 255
erik hendriksen and olav njàstad: Positive multipoint Padé continued
fractions page 261
Jan Jaworowski: Maps of Stiefel manifolds and a Borsuk-Ulam page 271
theorem
JOSE BONET AND ANTONIO GALBIS: A note on Taskinen's counterexamples
on the problem of topologies of Grothendieck 281
ROBERT E. GOMPF: A moduli space of exotic $\mathbb{R}^{4}$ 's page 285
PAUL C. FIFE: Diffusive waves in inhomogeneous media page 291
ERIK CHRISTENSEN AND ALLAN M. SINCLAIR: Completely bounded
isomorphisms of injective von Neumann algebras page 317
BOOK REVIEWS page 329

# PROCEEDINGS 

OF THE

## EDINBURGH MATHEMATICAL SOCIETY

## EDITORS

T. S. BLYTH<br>University of St Andrews<br>T. A. GILLESPIE<br>University of Edinburgh<br>C. J. SHADDOCK<br>University of Edinburgh

C. M. CAMPBELL University of St Andrews<br>J. HOWIE<br>Heriot-Watt University<br>B. D. SLEEMAN<br>University of Dundee

## CONSULTING EDITORS

Sir MICHAEL ATIYAH, F.R.S.
Mathematical Institute
24-29 St Giles
Oxford OX1 3LB
G. BROWN

Department of Pure Mathematics
University of New South Wales
P.O. Box 1

New South Wales 2033
Australia
D. L. COLTON

Math. Sci. Department
University of Delaware
Newark DE 19711
U.S.A.
P. A. FILLMORE

Department of Mathematics, Statistics and Computing Science
Dalhousie University
Halifax, Nova Scotia
Canada B3H 3J5
C. M. GORDON

Department of Mathematics
University of Texas at Austin
Austin, Texas 78712
U.S.A.
A. M. MACBEATH

Department of Mathematics and Statistics
University of Pittsburgh
Pittsburgh PA 15260
U.S.A.
J. B. McLEOD

Wadham College
Oxford OX1 3PN
C. St. J. A. NASH-WILLIAMS

Department of Mathematics
University of Reading
Whiteknights
Reading RG6 2AX
D. J. S. ROBINSON

Department of Mathematics
University of Illinois at Urbana
Urbana, IL 61801
U.S.A.
C. A. STUART

Département de Mathématiques
MA (ECUBLENS)
CH-1015 Lausanne
Switzerland

