

CONTENTS

Radicals of endomorphism near-rings By MARJORY J. JOHNSON	1
On the power map in compact groups. II By ROBERT F. BROWN	9
Pointwise completeness of differential-difference equations By R.M. BROOKS AND K. SCHMITT	11
A finite p -group $P = AB$ with $\text{Core}(A) = \text{Core}(B) = \{1\}$ By J.D. GILLAM	15
Solution of the almost complex spheres problem using K -theory By ELDON C. BOES	19
On the representation of polynomials over finite fields as sums of powers and irreducibles By WILLIAM A. WEBB	23
On more restricted partitions By M.S. CHEEMA	31
Existence of positive and Φ -bounded harmonic functions on Riemannian manifolds By WELLINGTON H. OW	35
On the sign of the Green's function beyond the interval of disconjugacy By A.C. PETERSON	41
Interactions between species: Some comparisons between deterministic and stochastic models By NEILS G. BECKER	53
Invariant means on almost periodic functions and fixed point properties By ANTHONY TO-MING LAU	69
Invariant means on subsemigroups of locally compact groups By ANTHONY TO-MING LAU	77
A chain condition for groups By THOMAS S. SHORES	83
Radical and anitradical groups By FRANKLIN HAIMO	91
Mathematical questions relating to viscous fluid flow in an exterior domain By ROBERT FINN	107
Construction of the reals via ultrapowers By G.H. MEISTERS AND J.D. MONK	141