

## INDEX TO VOLUME 79

### RESEARCH ANNOUNCEMENTS

- Albertson, Michael O. and Wilf, Herbert S. *Boundary values in chromatic graph theory*, 464  
Alexanderson, G. L. and Wetzel, John E. *Dissections of a simplex*, 170  
Alpert, Seth R. *See* Gross, Jonathan L.  
Anderson, J. H. *Derivation ranges and the identity*, 705  
Anderson, William N., Jr. *See* Markley, Nelson G.  
Arnold, David M. *Grothendieck and Whitehead groups of torsion free abelian groups*, 723  
Arnold, Jimmy T. and Gilmer, Robert. *Dimension sequences for commutative rings*, 407  
Ball, B. J. and Sher, R. B. *A theory of proper shape for locally compact metric spaces*, 1023  
Barrar, R. B., Loeb, H. L. and Werner, H. *Optimal integration-formulas for analytic functions*, 1296  
Barbosa, Joao Lucas Marques. *On minimal immersions of  $S^2$  in  $S^{2m}$* , 110  
Bartle, Robert G. and Kariotis, Constantine A. *Local spectral mapping theorems*, 414  
Becker, J. C. and Schultz, R. E. *Spaces of equivariant self-equivalences of spheres*, 158  
Bender, Edward A. and Herzberg, Norman P. *Symmetric matrices, characteristic polynomials, and Hilbert symbols over local number fields*, 518  
Bennett, Colin. *Estimates for weak-type operators*, 933  
Berger, C. A. and Shaw, B. I. *Selfcommutators of multicyclic hyponormal operators are always trace class*, 1193  
Berger, M. S. *See* Fraenkel, L. E.  
Berman, Simeon M. *Local nondeterminism and local times of Gaussian processes*, 475  
Bierstone, Edward. *An equivariant version of Gromov's theorem*, 924  
Bird, Elliott H. *Automorphism groups of partial orders*, 1011  
Birman, Joan S. and Hilden, Hugh M. *The homeomorphism problem for  $S^3$* , 1006  
Block, Richard E. *Modules over differential polynomial rings*, 729  
Bloom, Clifford O. and Kazarinoff, Nicholas D. *Energy decays locally even if total energy grows algebraically with time*, 969  
Boas, R. P., Jr. and Reddy, A. R. *Zeros of successive derivatives of entire functions*, 64  
Booth, Peter I. *A unified treatment of some basic problems in homotopy theory*, 331  
Bownds, J. M. and Cushing, J. M. *A representation formula for linear Volterra integral equations*, 532  
Bredon, Glen E. *Regular  $O(n)$ -manifolds, suspension of knots, and knot periodicity*, 87  
Brickman, Louis.  *$\Phi$ -like analytic functions. I*, 555  
Brothers, John E. *Behavior at the boundary of a solution to Plateau's problem*, 345  
Brown, L. G., Douglas, R. G. and Fillmore, P. A. *Extensions of  $C^*$ -algebras, operators with compact self-commutators, and  $K$ -homology*, 973  
Bruck, Ronald E., Jr. *The iterative solution of the equation  $y \in x + Tx$  for a monotone operator  $T$  in Hilbert space*, 1258  
Buckholtz, J. D. *Appell polynomials whose generating function is meromorphic on its circle of convergence*, 469  
Burchard, Hermann G. *Extremal positive splines with applications to interpolation and approximation by generalized convex functions*, 959  
Cappell, Sylvain E. *Splitting obstructions for Hermitian forms and manifolds with  $Z_2 \subset \pi_1$* , 909