## INDEX TO VOLUME 69

RESEARCH ANNOUNCEMENTS
Aanderaa, Stål. See Dreben, Burton.
Abraham, Ralph. Transversality in manifolds of mappings, 470.
Anderson, R. D. On raising flows and mappings, 259.
Andrews, Peter. See Dreben, Burton.
Aronson, D. G. On the Green's function for second order parabolic differential equations with discontinuous coefficients, 841.
Atiyah, M. F. and Singer, I. M. The index of elliptic operators on compact manifolds, 422.

Atkinson, F. V. Boundary problems leading to orthogonal polynomials in several variables, 345.
Auslander, Louis. Complete locally affine spaces and algebraic hulls of matrix groups, 242.
Auslander, L. and Green, L. Flows on solvmanifolds, 745.
Baum, L. E., Ferguson, J. D. and Katz, Melvin. Infinitely repeated matrix games for which pure strategies suffice, 467.
Baum, L. E. and Katz, Melvin. Convergence rates in the law of large numbers, 771.
Baum, P. F. Cohomology of homogeneous spaces, 531.
Blum, J. R. and Hanson, D. L. On the isomorphism problem for Bernoulli schemes, 221.
Boehme, T. K. On approximate solutions to the convolution equation on the half-line, 847.
de Branges, Louis. Invariant subspaces of nonselfadjoint transformation, 587.
Brauer, George. Convolution of sequences, 216.
Browder, F. E. Nonlinear elliptic boundary value problems, 862.
——. Nonlinear parabolic boundary value problems of arbitrary order, 858.
Brown, E. H., Jr. and Peterson, F. P. Relations between Stiefel-Whitney classes of manifolds, 228.
Brown, Morton and Gluck, Herman. Stable structures on manifolds, 51.
Brumer, Armand. Structure of hereditary orders, 721.
Buchsbaum, D. A. and Rim, D. S. A generalized Koszul complex, 382.
Cantor, D. G. Power series with integral coefficients, 362.
Cantrell, J. C. Almost locally flat embeddings of $S^{n-1}$ in $S^{n}, 716$.
Charlap, L. S. and Vasquez, A. T. The cohomology of group extensions, 815.
Chen, Kuo-Tsai. On local diffeomorphisms about an elementary fixed point, 838.
Chu, Hsin and Geraghty, M. A. The fundamental group and the first cohomology group of a minimal set, 377.
Cohen, Eckford. An elementary estimate for the $k$-free integers, 762.
Cohen, P. J. A minimal model for set theory, 537.
Connell, E. H. Stable homeomorphisms can be approximated by piecewise linear ones, 87.
Conner, P. E. A bordism theory for actions of an Abelian group, 244.
-_ Pontrjagin numbers of maps, 276.
Crawley, Peter and Jónsson, Bjarni. Direct decompositions of algebraic systems, 541.
Cross, J. T. The number of solutions of a trinomial congruence involving a kth power and a square, 83.
Cudia, D. F. On the localization and directionalization of uniform convexity, 265.
Davis, Morton and Maschler, Michael. Existence of stable payoff configurations for cooperative games, 106.
Dembowski, Peter. Inversive planes of even order, 850.

