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
Bruck, Ronald E., Jr. The iterative solution of the equation $y = x + Tx$ for a monotone operator $T$ in Hilbert space, 1258
Buckholz, 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
INDEX TO VOLUME 79

Cappell, Sylvain E. and Shaneson, Julius L. Nonlocally flat embeddings, smoothings, and group actions, 577

Cesari, Lamberto. Closure theorems for orientor fields, 684

Cesari, L. and Kannan, R. Functional analysis and nonlinear differential equations, 1216

Chang, Theodore and Skjelbred, Tor. Topological Schur lemma and related results, 1036

Chapman, T. A. Compact Hilbert cube manifolds and the invariance of whitehead torsion, 52

———, Cell-like mappings of Hilbert cube manifolds: Applications to simple homotopy theory, 1286

Chen, Bang-yen. Surfaces with a parallel isoperimetric section, 599

Chen, Kuo-Tsai. Fundamental groups, nilmanifolds and iterated integrals, 1033

Child, James D. Uniqueness and interpolation results for entire functions of exponential type, 734

Coddington, Earl A. Selfadjoint subspace extensions of nondensely defined symmetric operators, 712

———, Eigenfunction expansions for nondensely defined operators generated by symmetric ordinary differential expressions, 964

Coffman, C. V., Duffin, R. J. and Mizel, V. J. Nonuniformly elliptic equations: positivity of weak solutions, 496

Cohen, Fred. Cohomology of braid spaces, 763

———, Homology of $\Omega^{*+1}\Sigma^{*+1}X$ and $C_{*-1}X$, n > 0, 1236

Conway, John B. A complete Boolean algebra of subspaces which is not reflexive, 720

Cox, Lawrence. Formal A-modules, 690

Cushing, J. M. See Bownds, J. M.

Darst, R. B. The Vitali-Hahn-Saks and Nikodym theorems for additive functions. II, 758

Daveerman, Robert J. Locally nice codimension one manifolds are locally flat, 410

Dean, David W. Approximation and weak-star approximation in Banach spaces, 725

Deddens, James A. and Stampfli, Joseph G. On a question of Douglas and Fillmore, 327

Delahan, F. A. and Strecker, G. E. A simplified approach to the compactification of mappings, 1030

Dembart, Benjamin. Perturbations of semigroups on locally convex spaces, 986

Doubilet, Peter. An inversion formula involving partitions, 177

Douglas, R. G. See Brown, L. G.

Dress, Andreas. A note on Witt rings, 738

———, Induction and structure theorems for Grothendieck and Witt rings of orthogonal representations of finite groups, 741

Duffin, R. J. See Coffman, C. V.

Dwyer, Thomas A. W., III. Holomorphic Fock representations and partial differential equations on countably Hilbert spaces, 1045

Dyer, Michael N. and Sieradski, Allan J. A homotopy classification of 2-complexes with finite cyclic fundamental group, 75

Earle, Clifford J. On holomorphic families of pointed Riemann surfaces, 163

Edmonds, Allan L. Deformations of group actions, 1254

Eisenfeld, J. and Zaretzki, P. M. Normal forms for systems of semilinear hyperbolic partial differential equations, 400

Erdös, P. and Reddy, A. R. Rational approximation to certain entire functions in $[0, +\infty)$, 992

Escobales, R., Jr. Submersions from spheres, 71

Evans, Benny. A class of $\pi_1$ groups closed under cyclic amalgamations, 200

Fillmore, P. A. See Brown, L. G.

Fischer, Arthur E. and Marsden, Jerrold E. Linearization stability of the Einstein equations, 995

License or copyright restrictions may apply to redistribution; see https://www.ams.org/journal-terms-of-use
Fisher, Michael J. Functions on multipliers of p-Fourier algebras, 1039
Fisk, Steve. Some topological approaches to the four color problem, 1051
Fitzgibbon, W. E. Weakly continuous accretive operators, 473
Fitzpatrick, P. M. See Petryshyn, W. V.
Flaherty, F. J. Curvature measures for piecewise linear manifolds, 100
Flanagan, F. J. Radical behavior and the Wedderburn family, 66
Folland, G. B. A fundamental solution for a subelliptic operator, 373
Ford, Charles and Janusz, Gerald. Examples in the theory of the Schur group, 1233
Fraenkel, L. E. and Berger, M. S. A global theory of steady vortex rings in an ideal fluid, 806
Freedman, David. Some inequalities for uniformly bounded dependent variables, 40
Gehring, F. W. The $L^p$-integrability of the partial derivatives of a quasiconformal mapping, 465
Gerrets, John. See Poole, George
Gersten, S. M. Higher K-theory for regular schemes, 193
Gerth, Frank, III. Ranks of Sylow 3-subgroups of ideal class groups of certain cubic fields, 521
Gilbert, R. P. and Kukral, D. Function theoretic methods for higher order, elliptic equations in three independent variables, 96
Gilmer, Robert. See Arnold, Jimmy T.
Glimm, James and Jaffe, Arthur. The particle search in a quantum field model, 979
Goldstein, Charles I. The singularities of the $\mathcal{F}$-matrix and Green's function associated with perturbations of $-\Delta$ acting in a cylinder, 1303
Goldstein, R. A. and Saeks, R. Trace class, widths and the finite approximation property in Banach space, 57
Gordon, Robert, Lenagan, Thomas H. and Robson, J. C. Krull dimension-nipotency and Gabriel dimension, 716
Gordon, Y. and Lewis, D. R. Absolutely summing, $L_1$ factorizable operators and their applications, 1270
Graham, Ian. Boundary behavior of the Carathéodory, Kobayashi, and Bergman metrics on strongly pseudoconvex domains in $\mathbb{C}^n$ with smooth boundary, 749
Graves, William and Molnar, Suzanne. Incidence algebras as algebras of endomorphisms, 815
Greene, R. E. and Wu, H. Curvature and complex analysis. III, 606
Greenspan, Donald. An algebraic, energy conserving formulation of classical molecular and Newtonian n-body interaction, 423
Gross, Jonathan L. and Alpert, Seth R. Branched coverings of graph imbeddings, 942
Grosswald, Emil. Contribution to the theory of Euler's function $\phi(x)$, 337
Guillemin, V. and Schaeffer, D. Remarks on a paper of D. Ludwig, 382
Gutiérrez, M. A. Unlinking up to cobordism, 1299
Haber, Seymour and Shisha, Oved. An integral related to numerical integration, 930
Hada, D., Sario, L. and Wang, C. Dirichlet finite biharmonic functions on the Poincaré N-ball, 914
Harte, Robin. Relatively invariant systems and the spectral mapping theorem, 138
Hastings, Harold M. Spectral mapping theorems on a tensor product, 367
Heitsch, James L. A cohomology for foliated manifolds, 1283
Helgason, Sigurdur. Paley-Wiener theorems and surjectivity of invariant differential operators on symmetric spaces and Lie groups, 129
Hermann, Robert. Geodesics of singular Riemannian metrics, 780
Herzberg, Norman P. See Bender, Edward A.
INDEX TO VOLUME 79

Hilden, Hugh M. See Birman, Joan S.
Hilton, Peter and Stammbach, Urs. On the differentials in the Lyndon-Hochschild-Serre spectral sequence, 796
Holub, J. R. On subspaces of separable norm ideals, 446
Hönig, Chaim Samuel. The Green function of a linear differential equation with a lateral condition, 587
Hughes, Ralph. Compactness in locally compact groups, 122
Humphreys, J. E. and Verma, D. N. Projective modules for finite Chevalley groups, 467
Hung, H. H. and Negrepontis, S. Spaces homeomorphic to \(2^n\), 143
Hutchinson, George. The representation of lattices by modules, 172
Illman, Sören. Equivariant singular homology and cohomology, 188
Isbell, John and Mitchell, Barry. Exact colimits, 994
Jaffe, Arthur. See Glimm, James
Janusz, G. W. See Ford, Charles
Jategaonkar, Arun Vinayak. Injective modules and classical localization in Noetherian rings, 152
Jaworowski, Jan W. Extending equivariant maps for compact Lie group actions, 698
Jenkins, J. W. A characterization of growth in locally compact groups, 103
Joffe, A. and Moncayo, A. R. Asymptotic theorems for sums of independent random variables defined on a tree, 1220
Jones, Lowell. Combinatorial symmetries of the m-disc. I, 167
———, Topological invariance of certain combinatorial characteristic classes, 981
Jordan, P. F. Infinite sums of psi functions, 681
Juberg, R. K. The spectra for operators of a basic collection, 821
Kalton, Nigel J. and Ruckle, William H. A series characterization of subspaces of \(L_p(\mu)\) spaces, 1019
Kannan, R. See Cesari, L.
Kariotis, Constantine A. See Bartle, Robert G.
Karlin, Samuel. Some variational problems on certain Sobolev spaces and perfect splines, 124
Kauffman, Louis H. Link manifolds and periodicity, 570
Kay, Irvin. Systems of quadratically coupled differential equations which can be reduced to linear systems, 483
Kazarinoff, Nicholas D. See Bloom, Clifford O.
Kearton, C. Classification of simple knots by Blanchfield duality, 952
Kerlin, J. Edward. Representations of generalized multipliers of \(L^p\)-spaces of locally compact groups, 1223
Kirk, R. B. Topologies on spaces of Baire measures, 542
Knapp, A. W. Commutativity of intertwining operators, 1016
Knebusch, Manfred. Real closures of semilocal rings, and extension of real places, 78
Kukral, D. See Gilbert, R. P.
Kuo, Hui-Hsiung. On operator-valued stochastic integrals, 207
Kuo, Hui-Hsiung and Piech, M. Ann. Stochastic integrals and parabolic equations in abstract Wiener space, 478
Kutzko, Philip C. The characters of the binary modular congruence group, 702
Kwack, Myung H. Mappings into hyperbolic spaces, 695
Kwon, Young K. Bounded harmonic but no Dirichlet-finite harmonic, 491
Kwun, Kyung Whan and Tollefson, Jeffrey L. Uniqueness of orientation preserving PL involutions of 3-space, 761
Lamport, Leslie. An extension of a theorem of Hamada on the Cauchy problem with singular data, 776
Lazar, A. J. and Taylor, D. C. Double centralizers of Pedersen’s ideal of a C*-algebra. II, 361
Lee, Ronnie and Thomas, Charles. Free finite group actions on $S^3$, 211
de Leeuw, Karel. Fourier series of operators and an extension of the F. and M. Riesz theorem, 342
Lenagan, Thomas H. See Gordon, Robert
Leonard, I. E. and Sundaresan, K. Geometry of Lebesgue-Bochner function spaces—smoothness. 546
Levitt, N. Homotopy equivalences which are cellular at the prime 2, 601
Levitt, Norman. Fiberings of manifolds and transversality, 377
Lewis, D. R. See Gordon, Y.
Lippa, Erik A. On Fourier coefficients of Siegel modular forms of degree two, 1242
Liu, Mu-Chou. Totally geodesic fibre maps, 150
Loeb, H. L. See Barrar, R. B.
Löffler, Peter. Characteristic numbers of unitary torus-manifolds, 1262
Loveland, David Lowell. Bounded solutions of whole-line differential equations, 752
Luchins, E. H. and Mastan, K. C. Quasinilpotent operators as norm limits of nilpotent operators, 564
Lusztig, G. On the discrete representations of the general linear groups over a finite field, 550
Makkai, M. Global definability theory in $L_{ax}(0^9,916$)
Marcus, M. and Mizel, V. J. Transformations by functions in Sobolev spaces and lower semicontinuity for parametric variational problems, 790
Markley, Nelson G. and Anderson, William N., Jr. An application of Möbius inversion to a problem in topological dynamics, 1027
Marsden, J. The Hopf bifurcation for nonlinear semigroups, 537
Marsden, Jerrold E. See Fischer, Arthur E.
Mastan, K. C. See Luchins, E. H.
Maurer, Stephen B. Basis graphs of pregeometries, 783
Miller, Keith. Nonunique continuation for uniformly parabolic and elliptic equations in selfadjoint divergence form with Hölder continuous coefficients, 350
Mitchell, Barry. See Isbell, John
Mizel, V. J. See Coffman, C. V.
Mizel, V. J. See Marcus, M.
Moncayo, A. R. See Joffe, A.
Mong, Shaw. Analytical circle group actions on compact complex manifolds, 180
Molnar, Suzanne. See Graves, William
Morris, Robert A. and Pareigis, Bodo. Formal groups over discrete rings, 449
Mueller-Roemer, Peter R. Contracting extensions and contractible groups, 1264
Munkholm, Hans J. A collapse result for the Eilenberg-Moore spectral sequence, 115
Nagano, T. and Yagi, K. The affine structures on the real two-torus. I, 1251
Negrepontis, S. See Hung, H. H.
Nirenberg, Ricardo. The cohomology of restrictions of the $\bar{\partial}$ complex, 107
Nomizu, Katsumi. Some results in E. Cartan’s theory of isoparametric families of hypersurfaces, 1183
Nussbaum, Roger D. Periodic solutions of autonomous functional differential equations, 811
Osborn, Howard. Pontrjagin classes of PL sheaves, 119
Osher, Stanley. An ill posed problem for a hyperbolic equation near a corner, 1043
Palmore, Julian I. Classifying relative equilibria. I, 904
Pareigis, Bodo. See Morris, Robert A.
Patodi, V. K. Holomorphic Lefschetz fixed point formula, 825
Payne, Stanley E. *A restriction on the parameters of a subquadrangle*, 747
Petrie, Ted. *Smooth \(S^1\) actions and bilinear forms*, 1056
Petryshyn, W. V. and Fitzpatrick, P. M. *Degree theory for noncompact multivalued vector fields*, 609
Piech, M. Ann. See Kuo, Hui-Hsiung
Pigno, Louis and Saeki, Sadahiro. *Measures whose transforms vanish at infinity*, 800
Ponomarev, Paul. *Class numbers of definite quaternary forms with nonsquare discriminant*, 594
Poole, George and Gerriets, John. *Minimum covers for arcs of constant length*, 462
Porter, Tim. *Obstructions in shape theory*, 1206
Queen, Clifford S. *Euclid's algorithm in global fields*, 1229
———. *Euclidean subrings of global fields*, 437
———. *See Erdös, P.*
Reich, Edgar and Strebel, Kurt. *Extremal plane quasiconformal mappings with given boundary values*, 488
Roberts, L. G. *An algebraic proof of an analytic result of Shuck's*, 754
Robson, J. C. See Gordon, Robert
Rosenbloom, P. C. *A fixed point theorem for mappings in scaled metric spaces, with applications to partial differential equations*, 566
Roseman, Joseph J. *Phragmen-Lindelof theorems for some nonlinear elliptic partial differential equations*, 61
Roth, B. *Finitely generated submodules of differentiable functions. II*, 216
Rowen, Louis. *Some results on the center of a ring with polynomial identity*, 219
Rubel, L. A. and Shields, A. L. *Invariant subspaces of \(L^\infty\) and \(H^\infty\)*, 136
Ruckle, William H. See Kalton, Nigel J.
Rudin, Mary Ellen. *The normality of a product with a compact factor*, 984
Sacker, Robert J. and Sell, George R. *Skew-product flows, finite extensions of minimal transformation groups and almost periodic differential equations*, 802
Saeki, Sadahiro. See Pigno, Louis
Saeks, R. See Goldstein, R. A.
Sally, Judith D. and Vasconcelos, Wolmer V. *Stable rings and a problem of Bass*, 574
Sario, L. See Hada, D.
Sario, Leo and Wang, Cecilia. *Positive harmonic functions and biharmonic degeneracy*, 182
———. *Quasiharmonic functions on the Poincaré \(N\)-ball*, 922
Sattiger, D. H. *Transformation groups and bifurcation at multiple eigenvalues*, 709
Sawyer, Stanley. *A Fatou theorem for the general one-dimensional parabolic equation*, 1210
Schaeffer, D. See Guillemin, V.
Schultz, R. E. See Becker, J. C.
Sell, George R. See Sacker, Robert J.
———. *A note on almost periodic solutions of linear partial differential equations*, 428
Shaffer, Dorothy Browne. *The radius of convexity for a special class of meromorphic functions*, 224
Shalika, J. A. *On the multiplicity of the spectrum of the space of cusp forms of \(GL_n\)*, 454
Shaneson, Julius L. See Cappell, Sylvain E.
Shanks, M. E. and Warner, Seth. *Topologies on the rational field*, 1281
Shapiro, Harold S. *Functions with a spectral gap*, 355
Shaw, B. I. See Berger, C. A.
Sher, R. B. See Ball, B. J.
Shields, A. L. See Rubel, L. A.
INDEX TO VOLUME 79

Shisha, Oved. See Haber, Seymour
Shores, Thomas S. and Wiegand, Roger. Decompositions of modules and matrices, 1277
Sieradski, Allan J. See Dyer, Michael N.
Siu, Man Keung. Unitary Whitehead group of cyclic groups, 92
Siu, Yum-Tong. Analyticity of sets associated to Lelong numbers and the extension of meromorphic maps, 1200
Skjelbred, Tor. See Chang, Theodore
Small, Lance W. Prime ideals in Noetherian Pi-rings, 421
Smith, Brian T. Filtration techniques in the study of Lie algebras, 393
Smoller, Joel A. and Taylor, Michael E. Wave front sets and the viscosity method, 431
Stammbach, Urs. See Hilton, Peter
Stampfli, Joseph G. See Deddens, James A.
Stavrakas, Nick M. On the polygonal connectivity of polyhedra and the closures of open connected sets, 403
Stein, E. M. Singular integrals and estimates for the Cauchy-Riemann equations, 440
Stein, Junior. Index theory for singular quadratic functionals in the calculus of variations, 1188
Stern, Ronald J. Stability implies normal and disc bundles, 133
Stone, David A. Sectional curvature in piecewise linear manifolds, 1060
Strebel, Kurt. See Reich, Edgar
Strecker, G. E. See Delahan, F. A.
Street, Ross and Walters, R. F. C. The comprehensive factorization of a functor, 936
Stroock, Daniel W. On a conjecture of M. Kac, 770
Summers, W. H. Weighted approximation for modules of continuous functions, 386
Sundaresan, K. See Leonard, I. E.
Sussman, Hector J. Orbits of families of vector fields and integrability of systems with singularities, 197
Takesaki, Masamichi. Periodic and homogeneous states on a von Neumann algebra. I, 202
———, Periodic and homogeneous states on a von Neumann algebra. II, 416
———, Periodic and homogeneous states on a von Neumann algebra. III, 559
———, Duality in crossed products and von Neumann algebras of type III, 1004
Tapia, R. A. A characterization of inner product spaces, 530
Taussky, Olga. The factorization of an integral matrix into a product of two integral symmetric matrices, 956
Taylor, D. C. See Lazar, A. J.
Taylor, Michael E. See Smoller, Joel A.
Taylor, Laird E. The tangent space to a C^k manifold, 746
Thomas, Charles. See Lee, Ronnie
Tollefson, Jeffrey L. See Kwun, Kyung Whan
Tromba, A. J. The Morse lemma on arbitrary Banach spaces, 85
Tsao, Liang-Chi. On Fourier coefficients of Eisenstein series, 1064
Underwood, John R. Primes which are regular for associative H-spaces, 493
Vasconcelos, Wolmer V. See Sally, Judith D.
Vaught, Robert. A Borel invarianitization, 1292
Verma, D. N. See Humphreys, J. E.
Wagner, Neal R. A continuity property and surface topology, 1308
Wall, C. T. C. Some L groups of finite groups, 526
Walters, R. F. C. See Street, Ross
Wang, C. See Hada, D.
Wang, Cecilia. See Sario, Leo

License or copyright restrictions may apply to redistribution; see https://www.ams.org/journal-terms-of-use
1973]

INDEX TO VOLUME 79 1335

Wang, Kai. Differentiable actions of $S^1$ and $S^3$ on homotopy spheres, 147
———, Decomposability of homotopy lens spaces, 389
Warner, Seth. See Shanks, M. E.
Werner, H. See Barrar, R. B.
Wetzel, John E. See Alexanderson, G. L.
White, James H. Equilibrium positions for equally charged particles on a surface, 583
Wiegand, Roger. See Shores, Thomas S.
Wilf, Herbert S. See Albertson, Michael O.
Wilkerson, Clarence. Some polynomial algebras over the Steenrod algebra $A_p$, 1274
Winkelnkemper, H. E. Manifolds as open books, 45
Wright, E. M. The probability of connectedness of a large unlabelled graph, 767
Wright, J. D. Maitland. All operators on a Hilbert space are bounded, 1247
Wu, H. See Greene, R. E.
Yagi, K. See Nagano, T.
Yuen, Yvonne. Groups of invertible elements of Banach algebras, 82
Zahler, Raphael. Existence of the stable homotopy family $\{\eta\}$, 787
Zaretzki, P. M. See Eisenfeld, J.

BOOK REVIEWS

Bennett, Mary Katherine, Review of Lattice theory by Garrett Birkhoff, 35
———, Review of Lattice theory: First concepts and distributive lattices by George Grätzer, 35
Birkhoff, Garrett. See Bennett, Mary Katherine
Chernoff, P. R. and Marsden, J. E., Review of Lie algebras and quantum mechanics by Robert Hermann, 1150
Chernoff, P. R. and Marsden, J. E., Review of Vector bundles in mathematical physics by Robert Hermann, 1150
Cohn, P. M. See Czerniakiewicz, A.
Czerniakiewicz, A. Review of Free rings and their relations by P. M. Cohn, 873
Dym, H. See Zalcman, Lawrence
Galmarino, Alberto R., Review of Foundations of probability by Alfred Rényi, 300
———, Review of Probability theory by Alfred Rényi, 300
Grätzer, George. See Bennett, Mary Katherine
Goldstein, Larry Joel, Review of Introduction to the arithmetic theory of automorphic functions by Goro Shimura, 514
Guckenheimer, John, Review of Stabilité Structurelle et Morphogénèse, Essai d'une théorie générale des modèles, by René Thom, 878
Guillemin, Victor, Review of A comprehensive introduction to differential geometry, Volumes I and II, by Michael Spivak, 303
Her mann, Robert. See Chernoff, P. R.
Jacobson, Nathan. See Scha fer, R. D.
Knuth, Donald E. See Wells, Mark B.
M ahoney, M. S. See Weil, A.
Marsden, J. E. See Chernoff, P. R.
M cKean, H. P. See Zalcman, Lawrence
Rényi, Alfred. See Galmarino, Alberto R.
Schafer, R. D., Review of Structure and representations of Jordan algebras by Nathan Jacobson, 509
Shimura, Goro. See Goldstein, Larry Joel
Spivak, Michael. See Guillemin, Victor

License or copyright restrictions may apply to redistribution; see https://www.ams.org/journal-terms-of-use
INDEX TO VOLUME 79

Thom, René. See Guckenheimer, John
Weil, A., Review of The mathematical career of Pierre de Fermat by M. S. Mahoney, 1138
Wells, Mark B., Review of The art of computer programming, Volume 1. Fundamental algorithms by Donald E. Knuth, 501
———, Review of Volume 2. Seminumerical algorithms by Donald E. Knuth, 501
Zalcman, Lawrence, Review of Fourier series and integrals by H. Dym and H. P. McKean, 641

Miscellaneous Data

Alexander, James Waddell. See Cohen, Leon W.
Bylaws of the American Mathematical Society, 1312
Cohen, Leon W., Obituary of James Waddell Alexander 1888–1971, 900
Council Members, 1972, 226
Board of Trustees, 1972, 226
Election results, 1972, 500
Membership, elections to, 646, 891, 1162
Index to Volume 79, 1328
Lam, Ping-Fun, Errata to On a theorem of B. von Kerékjártó, 614
Lefschetz, Solomon. See Markus, Lawrence
Markus, Lawrence, Solomon Lefschetz An appreciation in memoriam, 663
Meetings of the American Mathematical Society, Reports of
  August 1972, Hanover, summer meeting (Everett Pitcher and Walter Gottschalk), 307
  October 1972, Providence (Walter Gottschalk), 517
  November 1972, Cleveland (Paul T. Bateman), 654
  November 1972, Chapel Hill (O. G. Harrold), 1167
  November 1972, La Jolla (R. S. Pierce), 1166
  January 1973, Dallas, annual meeting (Everett Pitcher and Paul T. Bateman), 655
  April 1973, Stanford (Kenneth A. Ross), 662
  April 1973, Evanston (Paul T. Bateman), 1171
  April 1973, New York (Everett Pitcher and Walter Gottschalk), 1168
  June 1973, Bellingham (Kenneth A. Ross), 1173
Officers and Lecturers of the Society, 1326
Prizes
  Le Roy P. Steele Prizes, 1972 (Edward B. Curtis, William J. Ellison, Lawrence E. Payne, Dana S. Scott), 324
  George David Birkhoff Prize in Applied Mathematics, 1973 (Fritz John, James B. Serrin), 655
Reid, W. T. Obituary of William M. Whyburn 1901–1972, 1174
Report of the Treasurer, 1972, 897
Special Funds, 1320
Statement of Ownership, Management and Circulation, 1338
Weiss, B., Corrigendum to The isomorphism problem in ergodic theory, 614
Whyburn, William M. See Reid W. T.

Invited Address

Allard, William K., 655
Andrews, George E., 307
Atiyah, Michael F. (Colloquium Lectures ), 655
Auslander, Louis, An exposition of the structure of solomonifolds. Part I: Algebraic theory, 227
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auslander, Louis</td>
<td><em>An exposition of the structure of solvmanifolds. Part II: G-induced flows</em></td>
<td>262</td>
</tr>
<tr>
<td>Blackburn, Norman</td>
<td></td>
<td>1171</td>
</tr>
<tr>
<td>Blumenthal, Robert M.</td>
<td></td>
<td>662</td>
</tr>
<tr>
<td>Bose, R. C.</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Bredon, Glen E.</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Brooks, J. K.</td>
<td></td>
<td>1167</td>
</tr>
<tr>
<td>Devinatz, Allen</td>
<td><em>The deficiency index problem for ordinary selfadjoint differential operators</em></td>
<td>1109</td>
</tr>
<tr>
<td>Dubins, Lester E.</td>
<td></td>
<td>655</td>
</tr>
<tr>
<td>Earle, Clifford J., Jr.</td>
<td></td>
<td>1168</td>
</tr>
<tr>
<td>Fisher, Michael E.</td>
<td></td>
<td>655</td>
</tr>
<tr>
<td>Gamelin, T. W.</td>
<td><em>The algebra of bounded analytic functions</em></td>
<td>1095</td>
</tr>
<tr>
<td>Gamelin, Theodore W.</td>
<td></td>
<td>662</td>
</tr>
<tr>
<td>Gilmer, Robert</td>
<td></td>
<td>1167</td>
</tr>
<tr>
<td>Gitler, Samuel</td>
<td></td>
<td>655</td>
</tr>
<tr>
<td>Grenander, Ulf</td>
<td></td>
<td>517</td>
</tr>
<tr>
<td>Hamstrom, Mary-Elizabeth</td>
<td></td>
<td>654</td>
</tr>
<tr>
<td>Hsiung, Chuan C.</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Ionescu-Tulcea, Alexandra</td>
<td></td>
<td>1171</td>
</tr>
<tr>
<td>Katz, Nicholas M.</td>
<td></td>
<td>655</td>
</tr>
<tr>
<td>Lambek, Joachim</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Nachbin, Leopoldo</td>
<td><em>Recent developments in infinite dimensional holomorphy</em></td>
<td>625</td>
</tr>
<tr>
<td>Osborn, Howard A.</td>
<td></td>
<td>1171</td>
</tr>
<tr>
<td>Osofosky, Barbara L.</td>
<td></td>
<td>655</td>
</tr>
<tr>
<td>Pearcy, Carl M.</td>
<td></td>
<td>1171</td>
</tr>
<tr>
<td>Putnam, Calvin R.</td>
<td></td>
<td>654</td>
</tr>
<tr>
<td>Putnam, C. R.</td>
<td><em>Almost normal operators, their spectra and invariant subspaces</em></td>
<td>615</td>
</tr>
<tr>
<td>Ray, Daniel B.</td>
<td></td>
<td>517</td>
</tr>
<tr>
<td>Rieffel, Marc A.</td>
<td></td>
<td>1166</td>
</tr>
<tr>
<td>Rodin, Burton</td>
<td></td>
<td>1173</td>
</tr>
<tr>
<td>Rosenthal, Haskell P.</td>
<td></td>
<td>1173</td>
</tr>
<tr>
<td>Sarason, Donald</td>
<td><em>Algebras of functions on the unit circle</em></td>
<td>286</td>
</tr>
<tr>
<td>Satake, I.</td>
<td><em>On the arithmetic of tube domains (blowing-up of the point at infinity)</em></td>
<td>1076</td>
</tr>
<tr>
<td>Satake, Ichiro</td>
<td></td>
<td>1166</td>
</tr>
<tr>
<td>Schweitzer, Paul A., S.J.</td>
<td></td>
<td>1168</td>
</tr>
<tr>
<td>Sherman, Seymour</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Shub, Michael</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Sims, Charles C.</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Smale, Steven (Colloquium Lectures)</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Strang, W. Gilbert</td>
<td></td>
<td>1168</td>
</tr>
<tr>
<td>Tate, John T. (Colloquium Lectures)</td>
<td></td>
<td>307</td>
</tr>
<tr>
<td>Taylor, Joseph L.</td>
<td><em>Functions of several noncommuting variables</em></td>
<td>1</td>
</tr>
<tr>
<td>Wilf, Herbert S.</td>
<td></td>
<td>307</td>
</tr>
</tbody>
</table>