

## INDEX TO VOLUME 84

### INVITED ADDRESSES

- Anderson, D. W., *Fibrations and geometric realizations*, 765  
Birtel, Frank T., *Holomorphic approximation to boundary value algebras*, 406  
Cannon, J. W., *The recognition problem: what is a topological manifold?*, 832  
Daverman, Robert J., *Embeddings of  $(n - 1)$ -spheres in Euclidean  $n$ -space*, 377  
Eisenbud, David, *An algebraic approach to the topological degree of a smooth map*, 751  
Evans, Trevor, *Word problems*, 789  
Federer, Herbert, *Colloquium lectures on geometric measure theory*, 291  
Fife, Paul C., *Asymptotic states for equations of reaction and diffusion*, 693  
Fröhlich, J., *The pure phases (harmonic functions) of generalized processes or: Mathematical physics of phase transitions and symmetry breaking*, 165  
Goldschmidt, Hubert, *The integrability problem for Lie equations*, 531  
Greenberg, J. M., Hassard, B. D. and Hastings, S. P., *Pattern formation and periodic structures in systems modeled by reaction-diffusion equations*, 1296  
Hajian, Arshag and Ito, Yuji, *Transformations that do not accept a finite invariant measure*, 417  
Hassard, B. D. *See* Greenberg, J. M.  
Hastings, S. P. *See* Greenberg, J. M.  
Hejhal, Dennis A., *Monodromy groups and Poincaré series*, 339  
Hochster, Melvin, *Some applications of the Frobenius in characteristic 0*, 886  
Hunt, Richard A., *Harmonic measure and estimates of Green's function*, 194  
Ito, Yuji. *See* Hajian, Arshag  
Kamber, Franz W. and Tondeur, Philippe, *G-foliations and their characteristic classes*, 1086  
Keller, Joseph B., *Rays, waves and asymptotics*, 727  
Kinderlehrer, David, *Variational inequalities and free boundary problems*, 7  
Lashof, R., *Equivariant smoothing theory*, 1  
Liulevicius, Arunas, *Homotopy rigidity of linear actions: characters tell all*, 213  
Marsden, Jerrold E., *Qualitative methods in bifurcation theory*, 1125  
McCrimmon, Kevin, *Jordan algebras and their applications*, 612  
McKean, H. P. and Trubowitz, E., *Hill's surfaces and their theta functions*, 1042  
Mitchell, Barry, *Some applications of module theory to functor categories*, 867  
Montgomery, Hugh L., *The analytic principle of the large sieve*, 547  
Niederreiter, Harald, *Quasi-Monte Carlo methods and pseudo-random numbers*, 957  
Osserman, Robert, *The isoperimetric inequality*, 1182  
Rosenthal, Haskell P., *Some recent discoveries in the isomorphic theory of Banach spaces*, 803  
Siu, Yum-Tong, *Pseudoconvexity and the problem of Levi*, 481  
Smith, Kennan T., Solomon, Donald C. and Wagner, Sheldon, L., *Addendum to "Practical and mathematical aspects of the problem of reconstructing objects from radiographs"*, 691  
Soare, Robert I., *Recursively enumerable sets and degrees*, 1149  
Solomon, D. C. *See* Smith K. T.  
Stasheff, James D., *Continuous cohomology of groups and classifying spaces*, 513  
Stein, Elias M. and Wainger, Stephen, *Problems in harmonic analysis related to curvature*, 1239  
Stein, Michael R., *Whitehead groups of finite groups*, 201  
Taylor, Jean E., *Crystalline variational problems*, 568  
Taylor, Michael E., *Propagation, reflection, and diffraction of singularities of solutions to wave equations*, 589  
Tondeur, Philippe. *See* Kamber, Franz W.  
Trubowitz, E. *See* McKean, H. P.

Wagner, S. L. *See* Smith, K. T.

Wainger, Stephen. *See* Stein, Elias M.

#### BOOK REVIEWS

- Alexander, Stephanie, *A comprehensive introduction to differential geometry* by Michael Spivak, 27
- Alperin, J. L., *Modular representations of finite groups* by B. M. Puttaswamaiah and John D. Dixon, 32
- Arkowitz, Martin, *Hopf spaces* by Alexander Zabrodsky, 929
- Arrow, Kenneth J., *Theory of optimal search* by Lawrence D. Stone, 649
- Axler, Sheldon, *Brownian motion, Hardy spaces and bounded mean oscillation* by K. E. Petersen, 645
- Ayoub, R. G., *Trigonometrical sums in number theory* by I. M. Vinogradov, 250
- Baker, Alan. *See* Stolarsky, Kenneth B.
- Balakrishnan, A. V. *See* Holmes, Richard B.
- Barbu, Viorel. *See* Crandall, Michael G.
- Bellman, R. E., *Combinatorial optimization: networks and matroids* by Eugene L. Lawler, 461
- Bennett, Colin, *Interpolation spaces, and introduction* by Jörn Bergh and Jörgen Löfström, 110
- Bergh, Jörn. *See* Bennett, Colin.
- Berlekamp, E. R., *The theory of information and coding: A mathematical framework for communication* by Robert J. McEliece, 1351
- Bishop, Yvonne M. M. *See* Nerlove, Marc
- Blass, Andreas, *Applied nonstandard analysis* by Martin Davis; *Introduction to the theory of infinitesimals* by K. D. Stroyan and W. A. J. Luxemburg; and *Foundations of infinitesimal calculus* by Jerome Keisler, 34
- Boas, R. P., *Completeness and basis properties of sets of special functions* by J. R. Higgins, 642
- Boas, R. P. and Thron, W. J., *Applied and computational complex analysis. II* by Peter Henrici, 943
- Boltjanski, V. G. *See* Clarke, Frank H.
- Bona, Jerry, *Differential equations and their applications* by M. Braun, 41
- Bosanquet, R. G. *See* Kreisel, G.
- Braun, M. *See* Bona, Jerry
- Brezin, Jonathan. *See* Howe, Roger
- Brillinger, David R., *Doubly stochastic Poisson processes* by Jan Grandell, 463
- Burks, Arthur W., *The new elements of mathematics* by Charles S. Peirce, 913
- Cameron, Peter J. *See* Kantor, W. M.
- Castaing, C. *See* Ekeland, I.
- Caubet, Jean-Pierre. *See* Nelson, Edward
- Chacon, R. V. *Introduction to ergodic theory* by Ya. G. Sinai, 656
- Chandrasekhar, S. and Swerdlow, N., *A history of ancient mathematical astronomy* by O. Neugebauer, 428
- Chandler, Richard E. *See* Steiner, Anne K.
- Christenson, Charles O. *See* Rudin, M. E.
- Clarke, Frank H., *Optimization, a theory of necessary conditions* by L. W. Neustadt; *Optimale steuerung diskreter Systems* by V. G. Boltjanski; and *The qualitative theory of optimal processes* by R. Gabasov and F. Kirillova, 47
- Cohn, P. M., *Grundzüge der universellen Algebra* by Herbert Lugowski, 124
- Coifman, R. R. and Weiss, Guido, *Littlewood-Paley and multiplier theory* by R. E. Edwards and G. I. Gaudry, 242
- Conrad, Paul, *Orderable groups* by Roberta Botto Mura and Akbar Rhemtulla, 647
- Conway, J. H. *See* Fraenkel, A. S.
- Corwin, Lawrence, *Lie groups and compact groups* by John F. Price, 663
- Coxeter, H. S. M., *Three-dimensional nets and polyhedra* by A. F. Wells, 466
- Crandall, Michael G., *Nonlinear semigroups and differential equations in Banach spaces*, by Viorel Barbu, 632

- Davis, Martin. *See* Blass, Andreas  
 Deimling, Klaus. *See* Redheffer, R. M.  
 Diestel, J. *See* Retherford, J. R.  
 Dilworth, R. P., *Matroid theory* by D. J. A. Welsh, 1353  
 Dixon, John D. *See* Alperin, J. L.  
 Douglis, Avron, *The wave equation on a curved space-time* by F. G. Friedlander, 222  
 Dym, H. *See* Sarason, Donald  
 Edwards, R. E. *See* Coifman, R. R.  
 Ekeland, I., *Convex analysis and measurable multifunctions* by C. Castaing and M. Valadier, 950  
 Fienberg, Stephen E. *See* Nerlove, Marc and Press, S. James  
 Flanders, Harley, *Problems and theorems in analysis* by G. Pólya and G. Szegő, 53  
 Fraenkel, A. S. *On numbers and games* by J. H. Conway and *Surreal numbers* by D. E. Knuth, 1328  
 Friedlander, F. G. *See* Douglis, Avron.  
 Gabasov, R. *See* Clarke, Frank H.  
 Gale, David, *Mathematical theory of economic dynamics and equilibria* by V. L. Makarov and A. M. Rubinov, 665  
 Garfinkel, R. S. *See* Johnson, Ellis  
 Gaudry, G. I. *See* Coifman, R. R.  
 Gaudry, Garth, *Homogeneous Banach algebras* by Hwai-Chiuan Wang, 446  
 Goldschmidt, David M., *Examples of groups* by Michael Weinstein, 444  
 Gonzalo, E. Reyes. *See* Monk, J. D.  
 Goodman, Roe W. *See* Koranyi, Adam  
 Grandell, Jan. *See* Brillinger, David R.  
 Grätzer, George A., *Categories of algebraic systems* by Mario Petrich and *Mal'cev varieties* by Jonathan D. H. Smith, 1339  
 Greenberg, Harold. *See* Johnson, Ellis  
 Greiner, P. C. *See* Rothschild, Linda Preiss  
 Gustafson, W. H., *Linear representations of finite groups* by Jean-Pierre Serre, 939  
 Hejhal, Dennis A. *See* Patterson, S. J.  
 Henrici, Peter. *See* Boas, R. P. and Thron, W. J.  
 Herstein, I. N. *See* Miers, C. R.  
 Higgins, J. R. *See* Boas, R. P.  
 Hochster, M., *Finite free resolutions* by D. G. Northcott, 652  
 Hoffmann, Christoph M., *Recursive Funktionen in der Komputer Theorie* by Rózsa Péter, 62  
 Hogbe-Nlend, Henri. *See* Waelbroeck, Lucien  
 Holland, Paul W. *See* Nerlove, Marc and Press, S. James  
 Holmes, Richard B., *Applied functional analysis* by A. V. Balakrishnan, 65  
 Howe, Roger, *Harmonic analysis on compact solvmanifolds* by Jonathan Brezin, 671  
 Howie, John M., *Lectures in semigroups* by M. Petrich, 453  
 Hu, T. C. *See* Johnson, Ellis  
 Iyanaga, S. *See* O'Meara, O. T.  
 James, Robert C., *Geometry of spheres in normed spaces* by Juan Jorge Schäffer, 71  
 Johnson, Ellis, *Integer programming and network flows* by T. C. Hu; *Integer programming* by Harold Greenberg; *Integer programming* by R. S. Garfinkel and G. L. Nemhauser; *Mathematical programming* by T. C. Hu and Stephen M. Robinson; *Integer programming* by Harvey M. Salkin; and *Integer programming: Theory applications and computations* by Hamdy A. Taha, 228  
 Joseph, Daniel D. *See* Rosenblat, S.  
 Kantor, W. M., *Parallelisms of complete designs* by Peter J. Cameron, 451  
 Kasch, Friedrich. *See* Reiten, Idun  
 Keisler, Jerome. *See* Blass, Andreas  
 Kirillova, F. *See* Clarke, Frank H.  
 Klamkin, M. S., *Companion to concrete mathematics, Volumes I and II*, by Z. A. Melzak,

- Knight, Frank B., *Stochastic processes* by John Lamperti, 677  
 Knuth, D. E. *See* Fraenkel, A. S.  
 Koranyi, Adam, *Nilpotent Lie groups: Structure and applications to analysis* by Roe W. Goodman, 674  
 Kreisel, G., *Wittgenstein's lectures on the foundations of mathematics* by R. G. Bosanquet, Norman Malcolm, Rush Rhees and Yorick Smythies, 79  
 Kunze, Ray A., *The theory of unitary group representations* by George W. Mackey, 73  
 Kushner, Harold J. *See* Papanicolaou, George C.  
 Kussmaul, A. U. *See* Protter, Philip  
 Lakshmikantham, V., *Qualitative analysis of large scale dynamical systems*, by Anthony N. Michel and Richard K. Miller, 937  
 Lamperti, John. *See* Knight, Frank B.  
 Lawler, Eugene L. *See* Bellman, R. E.  
 Linnik, Ju. V. *See* Loève, Michel  
 Loève, Michel, *Decomposition of random variables and vectors* by Ju. V. Linnik and I. V. Ostrovskii, 638  
 Löfström, Jörgen. *See* Bennett, Colin  
 Loos, Ottmar. *See* McCrimmon, Kevin  
 Lugowski, Herbert. *See* Cohn, P. M.  
 Luxemburg, W. A. J. *See* Blass, Andreas  
 Mackey, George W. *See* Kunze, Ray A.  
 MacWilliams, F. J. *See* Pless, Vera S.  
 Mahler, Kurt. *See* Stolarsky, Kenneth B.  
 Makarov, V. L. *See* Gale, David  
 Makkai, Michael. *See* Monk, J. D.  
 Malcolm, Norman. *See* Kreisel, G.  
 Martin, Robert H. Jr. *See* Redheffer, R. M.  
 Masser, David. *See* Moreno, Carlos.  
 McCrimmon, Kevin, *Jordan pairs* by Ottmar Loos, 685  
 McDonald, Bernard R. *See* Ohm, Jack  
 McEliece, Robert J. *See* Berlekamp, E. R.  
 McKean, H. P. *See* Sarason, Donald  
 Melzak, Z. A. *See* Klamkin, M. S.  
 Michel, Anthony N. *See* Lakshmikantham, V.  
 Miers, C. R., *Rings with involution* by I. N. Herstein, 231  
 Miller, Richard K. *See* Lakshmikantham, V.  
 Mitchell, Barry M., *Theory of modules* by Alexandru Solian, 1336  
 Monk, J. D., *First order categorical logic* by Michael Makkai and Gonzalo E. Reyes, 1378  
 Moreno, Carlos, *Elliptic functions and transcendence* by David Masser, 456  
 Mukherjea, Arunava. *See* Rosenblatt, Murray  
 Mura, Roberta Botto. *See* Conrad, Paul  
 Naber, Gregory L. *See* Rudin, M. E.  
 Nagell, Trygve. *See* Schmidt, Wolfgang M.  
 Nelson, Edward, *Le mouvement brownien relativiste* by Jean-Pierre Caubet, 121  
 Nemhauser, G. L. *See* Johnson, Ellis  
 Nerlove, Marc and Press, S. James, *Discrete multivariate analysis: Theory and practice* by Yvonne M. M. Bishop, Stephen E. Fienberg and Paul W. Holland, 470  
 Neuberger, J. W., *Near-rings, the theory and its applications* by Gunter Pilz, 934  
 Neugebauer, O. *See* Chandrasekhar, S. and Swerdlow, N.  
 Neustadt, L. W. *See* Clarke, Frank H.  
 Northcott, D. G. *See* Hochster, M.  
 Ohm, Jack, *Geometric algebra over local rings* by Bernard R. McDonald, 75  
 O'Meara, O. T., *The theory of numbers* by S. Iyanaga, 90  
 Ostrovskii, I. V. *See* Loève, Michel  
 Papanicolaou, George C., *Probability methods for approximations in stochastic control and for elliptic equations* by Harold J. Kushner, 262  
 Patterson, S. J., *The Selberg trace formula for  $PSL(2, \mathbb{R})$* , Volume I by Dennis A. Hejhal, 256

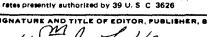
- Peirce, Charles S. *See* Burke, Arthur W.
- Péter, Rózsa. *See* Hoffmann, Christoph M.
- Petersen, K. E. *See* Axler, Sheldon.
- Petrich, M. *See* Howie, John M.
- Petrich, Mario. *See* Grätzer, George A.
- Pilz, Gunter. *See* Neuberger, J. W.
- Pless, Vera S., *The theory of error-correcting codes*. I and II by F. J. MacWilliams and N. J. A. Sloane, 1356
- Pólya, G. *See* Flanders, Harley
- Press, S. James. *See* Nerlove, Marc
- Price, John F. *See* Corwin, Lawrence
- Protter, Philip, *Stochastic integration and generalized martingales* by A. U. Kusuhaul, 1346
- Puttaswamaiah, B. M. *See* Alperin, J. L.
- Redheffer, R. M., *Nonlinear operators and differential equations in Banach spaces* by Robert H. Martin, Jr. and *Ordinary differential equations in Banach spaces* by Klaus Deimling, 628
- Reid, Constance. *See* Stone, Marshall H.
- Reiten, Idun, *Moduln und Ringe* by Friedrich Kasch, 925
- Retherford, J. R., *Vector measures* by J. Diestel and J. J. Uhl, Jr., 681
- Reyes, Gonzalo E. *See* Monk, J. D.
- Rhees, Rush. *See* Kreisel, G.
- Rhemtulla, Akbar. *See* Conrad, Paul
- Robbins, H. E. *Adventures of a mathematician* by S. M. Ulam, 107
- Robinson, Stephen M. *See* Johnson, Ellis
- Rosenblat, S., *Stability of fluid motions*. I, II by Daniel D. Joseph, 96
- Rosenblatt, Murray, *Measures on topological semigroups: Convolution products and random walks* by Arunava Mukherjea and Nicholas A. Tserpes, 104
- Rothschild, Linda Preiss, *Estimates for the  $\partial$ -Neumann problem* by P. C. Greiner and E. M. Stein, 266
- Rubinov, A. M. *See* Gale, David
- Rudin, M. E., *Aspects of topology* by Charles O. Christenson and William L. Voxman; and *Set-theoretic topology: With emphasis on problems from the theory of coverings, zero dimensionality and cardinal invariants* by Gregory L. Naber, 271
- Rutishauser, Heinz. *See* Stewart, G. W.
- Sachs, R. K. *See* Thorpe, John A.
- Salkin, Harvey M. *See* Johnson, Ellis
- Sarason, Donald, *Gaussian processes, function theory, and the inverse spectral problem* by H. Dym and H. P. McKean, 260
- Schäffer, Juan Jorge. *See* James, Robert C.
- Schmidt, Wolfgang M., *Selected mathematical papers of Axel Thue* edited by Trygve Nagell, Atle Selberg, Sigmund Selberg and Knut Thalberg, 919
- Selberg, Atle. *See* Schmidt, Wolfgang M.
- Selberg, Sigmund. *See* Schmidt, Wolfgang M.
- Serre, Jean-Pierre. *See* Gustafson, W. H.
- Sinai, Ya. G. *See* Chacon, R. V.
- Sloane, N. J. A. *See* Pless, Vera S.
- Smale, Stephen, *Catastrophe theory: Selected papers* by E. C. Zeeman, 1360
- Smith, Jonathan D. H. *See* Grätzer, George A.
- Smythies, Yorick. *See* Kreisel, G.
- Solian, Alexandru. *See* Mitchell, Barry M.
- Spivak, Michael. *See* Alexander, Stephanie
- Stein, E. M. *See* Rothschild, Linda Preiss
- Steiner, Anne K., *Hausdorff compactifications* edited by Richard E. Chandler, 448, erratum, 1381
- \_\_\_\_\_, *Supercompactness and Wallman spaces* by J. Van Mill, 918
- Stewart, G. W., *Vorlesungen über numerische Mathematik* by Heinz Rutishauser, 660

- Stolarsky, Kenneth B., *Transcendental number theory* by Alan Baker; *Lectures on transcendental numbers* by Kurt Mahler; *Nombres transcendants* by Michel Waldschmidt, 1370  
 Stone, Lawrence D. *See* Arrow, Kenneth J.  
 Stone, Marshall H., *Courant in Göttingen and New York—The story of an improbable mathematician* by Constance Reid, 234  
 Stroyan, K. D. *See* Blass, Andreas  
 Swerdlow, Noel. *See* Chandrasekhar, S.  
 Szegö, G. *See* Flanders, Harley  
 Taha, Hamdy A. *See* Johnson, Ellis  
 Thalberg, Knut. *See* Schmidt, Wolfgang M.  
 Thorpe, John A., *General relativity for mathematicians* by R. K. Sachs and H. Wu, 1344  
 Thron, W. J. *See* Boas, R. P.  
 Tserpes, Nicholas A. *See* Rosenblatt, Murray  
 Uhl, J. J., Jr. *See* Retherford, J. R.  
 Ulam, S. M. *See* Robbins, H. E.  
 Valadier, M. *See* Ekeland, I.  
 Van Mill, J. *See* Steiner, Anne K.  
 Vinogradov, I. M. *See* Ayoub, R. G.  
 Voxman, William L. *See* Rudin, M. E.  
 Waelbroeck, Lucien, *Bornologies and functional analysis* by Henri Hogbe-Nlend, 1368  
 Waldschmidt, Michel. *See* Stolarsky, Kenneth B.  
 Wang, Hwai-Chiuan. *See* Gaudry, Garth  
 Weinstein, Michael. *See* Goldschmidt, David M.  
 Weiss, Guido. *See* Coifman, Ronald R.  
 Wells, A. F. *See* Coxeter, H. S. M.  
 Welsh, J. A. *See* Dilworth, R. P.  
 Wu, H. *See* Thorpe, John A.  
 Zabrodsky, Alexander. *See* Arkowitz, Martin  
 Zeeman, E. C. *See* Smale, Stephen

#### RESEARCH ANNOUNCEMENTS

- Aharoni, Israel and Lindenstrauss, Joram, *Uniform equivalence between Banach spaces*, 281  
 Asimov, Daniel, *Average Gaussian curvature of leaves of foliations*, 131  
 Becker, Eberhard, *Hereditarily pythagorean fields, infinite Harrison-primes and sums of  $2^n$ th powers*, 278  
 Berger, Marc A. and Mizel, Victor J., *A Fubini theorem for iterated stochastic integrals*, 159  
 Calderón, A. P., Calderón, C. P., Fabes, E., Jodiet, M. and Riviere, N. M., *Applications of the Cauchy integral on Lipschitz curves*, 287  
 Calderón, C. P. *See* Calderón, A. P.  
 Canfield, E. Rodney, *On a problem of Rota*, 164  
 Cohen, F. R. and Taylor, L. R., *Configuration spaces: applications to Gelfand-Fuks cohomology*, 134  
 van Douwen, Eric K., *Existence and applications of remote points*, 161  
 Drazin, Michael P., *Natural structures on semigroups with involution*, 139  
 Fabes, E. *See* Calderón, A. P.  
 Gohberg, I., Lerer, L. and Rodman, L., *Factorization indices for matrix polynomials*, 275  
 Hagedorn, George A., *Asymptotic completeness for a class of four particle Schrödinger operators*, 155  
 Handelman, David and Lawrence, John, *Finite Rickart  $C^*$ -algebras*, 157  
 Ioffe, Alexander D., *Representation theorems for multifunctions and analytic sets*, 142  
 Jodiet, M. *See* Calderón, A. P.  
 KeCHRIS, A. S. and Martin, D. A., *On the theory of  $\Pi_3^1$  sets of reals*, 149  
 Lawrence, John. *See* Handelman, David  
 Lerer, L. *See* Gohberg, I.  
 Lindenstrauss, Joram. *See* Aharoni, Israel  
 Martin, D. A. *See* KeCHRIS, A. S.  
 Metropolis, N. and Rota, Gian-Carlo, *On the lattice of faces of the  $n$ -cube*, 284

- Mizel, Victor J. *See Berger, Marc A.*
- Niederreiter, Harald, *The serial test for linear congruential pseudo-random numbers*, 273
- Riviere, N. M. *See Calderón, A. P.*
- Rodman, L. *See Gohberg, I.*
- Rota, Gian-Carlo. *See Metropolis, N.*
- Sigal, I. M., *On quantum mechanics of many-body systems with dilation-analytic potentials*, 152
- Stenger, Frank, *Upper and lower estimates on the rate of convergence of approximations in  $H_p$* , 145
- Taylor, L. R. *See Cohen, F. R.*
- Walsh, John J., *Infinite dimensional compacta containing no n-dimensional ( $n \geq 1$ ) subsets*, 137
- Weisfeiler, B., *On Lie algebras of differential formal groups of Ritt*, 127
- Williams, R. E., *Errata to "A note on rings with a weak algorithm"*, 1381

U.S. POSTAL SERVICE STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)			
1. NAME OF PUBLICATION <b>Bulletin of the American Mathematical Society</b>		A. PUBLICATION NO.	12. DATE OF FILING October 1, 1978
2. ADDRESS OF PUBLISHER (Street, City, County, State and ZIP Code) 201 Charles Street, Providence, Rhode Island 02904		B. NO. OF ISSUES PUBLISHED ANNUALLY	C. ANNUAL SUBSCRIPTION PRICE 6 \$22 (1978)
3. FREQUENCY OF ISSUE Bimonthly			
4. LOCATION OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code) (Not printers) 201 Charles Street, Providence, Rhode Island 02904			
5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers) 201 Charles Street, Providence, Rhode Island 02904			
6. NAMES AND COMPLETE ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR PUBLISHER (Name and Address) American Mathematical Society, P. O. Box 6248, Providence, Rhode Island 02940 EDITOR (Name and Address) Paul Halmos, Department of Mathematics, Indiana University, Bloomington, IN 47401 MANAGING EDITOR (Name and Address) Terry Drennan, American Mathematical Society, P. O. Box 6248, Providence, RI 02940			
7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the name and address of the individual owner must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.) NAME American Mathematical Society ADDRESS P. O. Box 6248, Providence, RI 02940			
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state) NAME None ADDRESS			
9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 152, PSM) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one) <input type="checkbox"/> HAVE NOT CHANGED DURING PRECEDING 12 MONTHS <input type="checkbox"/> HAVE CHANGED DURING PRECEDING 12 MONTHS      (If changed, publisher must submit explanation of change with this statement.)			
10. EXTENT AND NATURE OF CIRCULATION A. TOTAL NO. COPIES PRINTED (Net Press Run)		AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES		20,166	21,000
2. MAIL SUBSCRIPTIONS		18,186	18,188
C. TOTAL PAID CIRCULATION (Sum of 10B1 and 10B2)		18,386	18,388
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES		7	13
E. TOTAL DISTRIBUTION (Sum of C and D)		18,393	18,381
F. COPIES NOT DISTRIBUTED 1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING		1,773	2,619
2. RETURNS FROM NEWS AGENTS		-0-	-0-
G. TOTAL (Sum of E, F1 and 2—should equal net press run shown in A)		20,166	21,000
11. I certify that the statements made by me above are correct and complete.  SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER <b>W. J. LoVaglio</b> , Executive Director			
12. FOR COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES (Section 152, Postal Service Manual) 39 U. S. C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4359 of this title shall be liable for the rates provided under this subsection unless he files annually with the Postal Service a written request for permission to mail such matter at such rates." In accordance with the provisions of this statute, I hereby request permission to mail the publication named in Item 1 at the phased postage rates currently authorized by 39 U. S. C. 3626			
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER  <b>W. J. LoVaglio</b> Executive Director			