

## INVITED ADDRESSES

- Adler, Roy L. 82, 472  
 Alperin, Jonathan L. 82, 478  
 —. *Finite groups viewed locally*, 83,  
 1271  
 Anderson, Donald W. 81, 822  
 —. *Fibrations and geometric realiza-  
 tions*, 84, 765  
 Arenstorf, Richard F. 81, 1053  
 Atkin, A. O. L. 81, 1055  
 Ball, B. J. *Geometric topology and shape  
 theory: A survey of problems and re-  
 sults*, 82, 791  
 —. 83, 112  
 Barnette, David W. 81, 1060  
 Bers, Lipman. *Quasiconformal mappings,  
 with applications to differential equa-  
 tions, function theory and topology*,  
 83, 1083  
 Bharucha-Reid, A. T. *Fixed point theorems  
 in probabilistic analysis*, 82, 641  
 Birtel, Frank T. *Holomorphic approxima-  
 tion to boundary value algebras*, 84,  
 406  
 Buckholtz, James D. 82, 480  
 Burgess, C. E. *Embeddings of surfaces in  
 Euclidean three-space*, 81, 795  
 —. 81, 698  
 Burkholder, Donald L. 81, 822  
 Cannon, J. W. *The recognition problem:  
 what is a topological manifold?*, 84,  
 832  
 Carlitz, L. *Functions and correspondences  
 in a finite field*, 83, 139  
 —. 83, 112  
 Chen, Kuo Tsai. 81, 1055  
 —. *Iterated path integrals*, 83, 831  
 Chernoff, Herman. 81, 1054  
 Chernoff, Paul R. *Quasi-analytic vectors  
 and quasi-analytic functions*, 81, 637  
 —. 81, 698  
 Clemens, C. H. 82, 478  
 Coifman, Ronald R. and Weiss, Guido. *Ex-  
 tensions of Hardy spaces and their use  
 in analysis*, 83, 569  
 Comfort, W. W. *Ultrafilters: Some old  
 and some new results*, 83, 417  
 —. 83, 115  
 Conner, P. E. and Raymond, Frank. *De-  
 forming homotopy equivalences to  
 homeomorphisms in aspherical mani-  
 folds*, 83, 36  
 Conway, John H. 81, 72  
 Dade, Everett C. 82, 472  
 Daverman, R. D. 82, 479  
 Daverman, Robert J. *Embeddings of  
 $(n - 1)$ -spheres in Euclidean  $n$ -space*,  
 84, 377  
 Davis, Philip J. 81, 697  
 Duren, Peter L. *Coefficients of univalent  
 functions*, 83, 891  
 —. 83, 107
- Eisenbud, David. *An algebraic approach  
 to the topological degree of a smooth  
 map*, 84, 751  
 Erdős, Paul. 83, 113  
 Evans, Trevor, 81, 697  
 —. *Word problem*, 84, 789  
 Federer, Herbert. *Colloquium lectures on  
 geometric measure theory*, 84, 291  
 Fife, Paul C. *Asymptotic states for equa-  
 tions of reaction and diffusion*, 84, 693  
 Floyd, Edwin E. 83, 107  
 Folland, G. B. *Applications of analysis on  
 nilpotent groups to partial differential  
 equations*, 83, 912  
 Freyd, Peter J. 81, 1054  
 Fröhlich, J. *The pure phases (harmonic  
 functions) of generalized processes or:  
 Mathematical physics of phase transi-  
 tions and symmetry breaking*, 84, 165  
 Gardner, Robert B. 81, 697  
 —. *New viewpoints in the geometry  
 of submanifolds of  $R^N$* , 83, 1  
 Garsia, Adriano M. *Combinatorial in-  
 equalities and smoothness of functions*,  
 82, 157  
 Gersten, Stephen M. 83, 107  
 Gluck, Herman. *Manifolds with preassigned  
 curvature—a survey*, 81, 313  
 Goldschmidt, David M. 83, 107  
 Goldschmidt, Hubert. *The integrability  
 problem for Lie equations*, 84, 531  
 Greenberg, J. M., Hassard, B. D. and  
 Hastings, S. P. *Pattern formation and  
 periodic structures in systems modeled  
 by reaction-diffusion equations*, 84,  
 1296  
 Hajian, Arshag and Ito, Yuji. *Transforma-  
 tions that do not accept a finite invari-  
 ant measure*, 84, 417  
 Hajian, Arshag B. 83, 107  
 Harris, Theodore E. 81, 1060  
 Hassard, B. D. *See* Greenberg, J. M.  
 Hastings, S. P. *See* Greenberg, J. M.  
 Hejhal, Dennis A. *Monodromy groups  
 and Poincaré series*, 84, 339  
 Helgason, Sigurdur. 81, 822  
 —. *Invariant differential equations  
 on homogeneous manifolds*, 83, 751  
 Hobby, Charles R. 81, 1053  
 Hochster, Melvin. 83, 107  
 —. *Some applications of the  
 Frobenius in characteristic 0*, 84, 886  
 Hunt, Richard A. *Harmonic measure  
 and estimates of Green's function*, 84,  
 194  
 Ito, Yuji. *See* Hajian, Arshag  
 Jaco, William. 82, 480  
 John, Fritz. *A priori estimates, geometric  
 effects and asymptotic behavior*, 81,  
 1013  
 —. 81, 822

- Kac, Mark. 81, 697  
 Kalman, R. 83, 112  
 Kamber, Franz W. and Tondeur, Philippe.  
*G-foliations and their characteristic classes*, 84, 1086  
 Kazdan, Jerry L. 82, 480  
 Keen, Linda. 81, 822  
     . *A rough fundamental domain for Teichmüller spaces*, 83, 1199  
 Keisler, H. Jerome. 81, 822  
 Keller, Joseph B. *Rays, waves and asymptotics*, 84, 727  
 Kinderlehrer, David. *Variational inequalities and free boundary problems*, 84, 7  
 Kobayashi, Shoshichi. *Intrinsic distances, measures and geometric function theory*, 82, 357  
 Kolchin, Ellis R. (Colloquium Lectures), 82, 472  
 Kunen, Kenneth. 81, 1055  
 Lacher, R. C. 81, 1053  
     . *Cell-like mappings and their generalizations*, 83, 495  
 Lang, Serge. 81, 69  
 Lashof, R. *Equivariant smoothing theory*, 84, 1  
 Lew, John S. 83, 115  
 Lieb, Elliott H. *Some convexity and subadditivity properties of entropy*, 81, 1  
 Liggett, Thomas M. 83, 118  
 Liulevicius, Arunas. *Homotopy rigidity of linear actions: characters tell all*, 84, 213  
 McCrimmon, Kevin. *Jordan algebras and their applications*, 84, 612  
 McKean, H. P. and Trubowitz, E. *Hill's surfaces and their theta functions*, 84, 1042  
 Mac Lane, Saunders. 81, 822  
     . *Topology and logic as a source of algebra*, 82, 1  
 MacPherson, Robert. 83, 115  
 Marsden, Jerrold E. *Qualitative methods in bifurcation theory*, 84, 1125  
 Martin, Donald A. 83, 107  
 Maskit, Bernard. 82, 472  
 May, J. P. *Infinite loop space theory*, 83, 456  
 May, Peter. 83, 107  
 Milgram, R. James. 83, 118  
 Miller, Charles F. III. 83, 107  
 Mitchell, Barry. *Some applications of module theory to functor categories*, 84, 867  
 Montgomery, Hugh L. 81, 72  
     . 83, 114  
     . *The analytic principle of the large sieve*, 84, 547  
 Mumford, David. 82, 472  
 Namioka, Isaac. 81, 1060  
 Nelson, Edward. *Internal set theory: A new approach to nonstandard analysis*, 83, 1165  
 Niederreiter, Harald. *Quasi-Monte Carlo methods and pseudo-random numbers*, 84, 957  
 Noll, Walter. 83, 107  
 Ogg, A. P. *Diophantine equations and modular forms*, 81, 14  
 O'Meara, O. Timothy. 81, 72  
 Osserman, Robert. 82, 480  
     . *The isoperimetric inequality*, 84, 1182  
 Papanicolaou, George C. *Asymptotic analysis of transport processes*, 81, 330  
     . 81, 69  
 Parter, Seymour V. 81, 699  
 Petryshyn, W. V. *On the approximation-solvability of equations involving A-proper and Pseudo-A-proper mappings*, 81, 223  
 Phelps, R. R. *The Choquet representation in the complex case*, 83, 299  
 Powers, Robert T. 83, 117  
 Raymond, Frank. See Conner, P. E.  
 Retherford, J. R. *Applications of Banach ideals of operators*, 81, 978  
     . 81, 697  
 Rosenthal, Haskell P. *The Banach spaces  $C(K)$  and  $L^p(\mu)$* , 81, 763  
     . 81, 822  
     . *Some recent discoveries in the isomorphic theory of Banach spaces*, 84, 803  
 Rubinow, S. I. *Some mathematical problems in biology*, 81, 782  
     . 81, 69  
 Sachs, R. K. and Wu, H. *General relativity and cosmology*, 83, 1101  
 Sachs, Rainer K. 81, 822  
 Schmid, Wilfried. 81, 822  
 Serrin, James B. 81, 72  
 Schiffman, Bernard. 82, 478  
     . *Holomorphic curves in algebraic manifolds*, 83, 553  
 Shoenfield, J. R. *The decision problem for recursively enumerable degrees*, 81, 973  
 Silver, Jack H. 82, 472  
 Singer, I. M. 83, 107  
 Siu, Yum-Tong. *Pseudoconvexity and the problem of Levi*, 84, 481  
 Smith, Kennan T. 81, 1060  
 Smith, Kennan T., Solmon, Donald C. and Wagner, Sheldon, L. *Addendum to "Practical and mathematical aspects of the problem of reconstructing objects from radiographs"*, 84, 691  
     . *Practical and mathematical aspects of the problem of reconstructing objects from radiographs*, 83, 1227  
 Soare, Robert I. *Recursively enumerable sets and degrees*, 84, 1149  
 Solmon, Donald C. See Smith, Kennan T.  
 Solmon, D. C. See Smith, K. T.

- Spitzer, Frank. *Stochastic time evolution of one dimensional infinite particle systems*, 83, 880  
\_\_\_\_\_. 83, 107
- Stark, H. M. *The analytic theory of algebraic numbers*, 81, 961
- Stasheff, James D. 82, 472  
\_\_\_\_\_. *Continuous cohomology of groups and classifying spaces*, 84, 513
- Stein, Elias M. (Colloquium Lectures), 82, 472
- Stein, Elias M. and Wainger, Stephen. *Problems in harmonic analysis related to curvature*, 84, 1239
- Stein, Michael R. *Whitehead groups of finite groups*, 84, 201
- Stoll Wilhelm. *Aspects of value distribution theory in several complex variables*, 83, 166  
\_\_\_\_\_. 82, 472
- Taylor, Jean E. *Crystalline variational problems*, 84, 568
- Taylor, Michael E. *Propagation, reflection, and diffraction of singularities of solutions to wave equations*, 84, 589
- Thurston, William P. 81, 69
- Tondeur, Philippe. *See* Kamber, Franz W.
- Trubowitz, E. *See* McKean, H. P.
- Veech, William A. 81, 699  
\_\_\_\_\_. *Topological dynamics*, 83, 775
- Wagner, Sheldon L. *See* Smith, Kennan T.
- Wainger, Stephen. 83, 114
- Wallach, Nolan R. 81, 822  
\_\_\_\_\_. *On the Selberg trace formula in the case of compact quotient*, 82, 171
- Warner, Garth W. 81, 71
- Weiss, Guido. *See* Coifman, Ronald R.
- Weiss, Guido L. 81, 1055
- Wells, R. O., Jr. 82, 478
- Wightman, Arthur S. 83, 107
- Wu, H. *See* Sachs, R. K.
- Wu, Hung-Hsi. 81, 71

