BOOK REVIEWS

Abhyankar, S. S. *See* Shatz, Stephen S.

Aczél, J. *See* Kampé de Fériet, J.

Adams, J. F. *A geometric approach to homology theory* by S. Buoncristiano, C. P. Rourke and B. J. Sanderson, **83**, 222

Adams, Robert. *See* Ziemer, William P.

Aitchison, J. *See* Geisser, Seymour

Akemann, Charles A. Review of *Lectures in functional analysis and operator theory* by Sterling K. Berberian; *Functional analysis, a short course* by Edward W. Packel; and *Functional analysis* by Walter Rudin, **81**, 842

Alexander, Stephanie. *A comprehensive introduction to differential geometry* by Michael Spivak, **84**, 27

Alperin, J. L. *Modular representations of finite groups* by B. M. Puttaswamaiah and John D. Dixon, **84**, 32

Amayo, R. K. *See* Humphreys, J. E.

Anastasio, S. *See* Kadison, Richard V.

Arbib, Michael A. *Fuzzy sets and their applications to cognitive and decision processes* edited by L. A. Zadeh, K.-S. Fu, K. Tanaka and M. Shimura; *Introduction to the theory of fuzzy subsets.* Volume I by A. Kaufmann; and *Applications of fuzzy sets to systems analysis* by C. V. Negoiţă and D. A. Ralescu, **83**, 946

Arkowitz, Martin. *Hopf spaces* by Alexander Zabrodsky, **84**, 929

Arnold, L. *See* Goodman, Victor

Arrow, Kenneth J. *Theory of optimal search* by Lawrence D. Stone, **84**, 649

Ash, Robert B. *See* Taylor, S. J.

Aumann, R. J. *See* Isbell, J. R.

Axler, Sheldon. *Brownian motion, Hardy spaces and bounded mean oscillation* by K. E. Petersen, **84**, 645

Ayoub, R. G. *Trigonometrical sums in number theory* by I. M. Vinogradov, **84**, 250

Badrikian, Albert. *See* Stroock, D. W.

Baily, Walter L. Jr. Review of *Topics in complex function theory* by Carl L. Siegel, **81**, 528

Bair, Jacques. *See* Day, M. M.

Baker, Alan. *See* Stolarsky, Kenneth B.

Baker, George A. Jr. *See* Magnus, Arne

Balakrishnan, A. V. *See* Goodman, Victor

———. *See* Holmes, Richard B.

Balbes, Raymond. *See* Bennett, Mary Katherine

Barbu, Viorel. *See* Crandall, Michael G.

Barnes, Donald W. *See* Barwise, Jon

Barnhill, Robert E. *Methods of numerical integration* by Philip J. Davis and Philip Rabinowitz, **82**, 538

Barwise, Jon. Review of *Elementary induction on abstract structures* by Y. N. Moschovakis, **81**, 1031

———. *An algebraic introduction to mathematical logic* by Donald W. Barnes and John M. Mack; *An outline of mathematical logic* by Andrzej Grzegorczyk; *Completeness, compactness, and undecidability* by Alfred B. Manaster; and *Mathematical logic* by Daniel Ponasse, **83**, 186

Beals, Richard. *Basic linear partial differential equations* by François Treves, **83**, 208

Beck, Anatole. *See* Mostert, Paul S.

Bellman, R. *See* Papanicolaou, George C.

Bellman, R. E. *Combinatorial optimization: networks and matroids* by Eugene L. Lawler, **84**, 461

Benedetto, John J. *See* Ross, Kenneth A.

Bennett, Colin, *Interpolation spaces, and introduction* by Jöran Bergh and Jörgen Löfström, **84**, 110

Bennett, Grahame. Review of *Classical Banach spaces* by Joram Lindenstrauss and Lior Tzafriri, **81**, 41

Bennett, Mary Katherine. *Distributive lattices* by Raymond Balbes and Philip Dwinger, **82**, 246

Berberian, Sterling K. *Funktionalanalysis* by Harro Heuser; *Geomteric functional analysis and its applications* by Richard B. Holmes; *Methods of modern mathematical physics,* vol. I, *Functional analysis,* vol. II, *Fourier analysis, self-adjointness* by Michael Reed and Barry Simon, **82**, 865

———. *See* Akemann, Charles A.

Berg, Christian. *See* Deny, Jacques

Bergh, Jöran. *See* Bennett, Colin

Berkovitz, Leonard D. *Deterministic and stochastic optimal control* by Wendell H. Fleming and Raymond W. Rishel, **82**, 869

———. *See* Fleming, W. H.

Berlekamp, E. R. *The theory of information and coding: A mathematical framework for communication* by Robert J. McEliece, **84**, 1351

Biggs, Norman. *See* Wilf, Herbert S.

Birman, Joan S. *See* Magnus W.

Bishop, Errett. *Elementary calculus* by H. Jerome Keisler, **83**, 205

Bishop, Yvonne M. M. *See* Nerlove, Marc

Blake, Ian F. *See* Pless, Vera

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, **84**, 34

Boas, R. P. Review of *Applied and computational complex analysis* by Peter Henrici, **81**, 647
———. *Fourier series with respect to general orthogonal systems* by A. M. Olevskiĭ, **82**, 853
———. *The heat equation* by D. V. Widder, **82**, 691
———. *Completeness and basis properties of sets of special functions* by J. R. Higgins, **84**, 642
Boas, R. P. and Thron, W. J. *Applied and computational complex analysis.* II by Peter Henrici, **84**, 943
Bognár, János. *See* Helton, J. William
Bogolubov, N. N. *See* Jaffe, Arthur
———. *See* Moser, Jürgen
Bohl, Erich. *See* Nashed, M. Z.
Boltjanski, V. G. *See* Clarke, Frank H.
Bona, Jerry. *Differential equations and their applications* by M. Braun, **84**, 41
Bondy, J. A. *See* Descartes, Blanche
Bonsall, F. F. *See* Rickart, C. E.
Borho, Walter. *See* Hochschild, G.
Borovkov, A. A. *See* Kingman, J. F. C.
Bosanquet, R. G. *See* Kreisel, G.
Braun, M. *See* Bona, Jerry
Bredon, Glen E. *Cohomology theory of topological transformation groups* by Wu Yi Hsiang, **83**, 711
Brezin, Jonathan. *See* Howe, Roger
Brillinger, David R. *Doubly stochastic Poisson processes* by Jan Grandell, **84**, 463
Broughan, Kevin A. *See* Isbell, J. R.
Browder, Felix E. *See* Kaplansky, Irving
Brown, James R. *See* Jacobs, K.
Bruneau, Michel. *See* Gehring, F. W.
Buoncristiano, S. *See* Adams, J. F.
Burks, Arthur W. *The new elements of mathematics* by Charles S. Pierce, **84**, 913
Cameron, Peter J. *See* Kantor, W. M.
Carrier, George F. *See* Payne, L. E.
Castaing, C. *See* Ekeland, I.
Caubet, Jean-Pierre. *See* Nelson, Edward
Chacon, R. V. *Introduction to ergodic theory* by Ya. G. Sinai, **84**, 656
Challifour, John L. Review of *The $P(\Phi_2)$ euclidean (quantum) field theory* by Barry Simon, **81**, 881
Chandler, Richard E. *See* Steiner, Anne K.
Chandrasekhar, S. and Swerdlow, N. *A history of ancient mathematical astronomy* by O. Neugebauer, **84**, 428
Chang, C. C. *See* Makkai, M.
Cheeger, Jeff. *See* Hermann, Robert
Cherlin, Greg. *See* Eklof, Paul C.
Chern, S. S. *Integral geometry and geometric probability* by Luis A. Santaló, **83**, 1289
Chevet, Simone. *See* Stroock, D. W.
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, **84**, 47
Cohn, P. M. *Grundzüge der universellen Algebra* by Herbert Lugowski, **84**, 124
Coifman, R. R. and Weiss, Guido. *Littlewood-Paley and multiplier theory* by R. E. Edwards and G. I. Gaudry, **84**, 242
Comfort, W. W. *Hewitt-Nachbin spaces* by Maurice D. Weir, **82**, 857
Conolly, Brian. *See* Neuts, Marcel F.
Conrad, Paul. *Orderable groups* by Roberta Botto Mura and Akbar Rhemtulla, **84**, 647
Conway, J. H. *See* Fraenkel, A. S.
Copson, E. T. *See* Gårding, Lars
Cornea, Aurel. *See* Meyer, P. A.
Conti, R. *See* Sell, George R.
Corwin, Lawrence, *Lie groups and compact groups* by John F. Price, **84**, 663
Coxeter, H. S. M. *Three-dimensional nets and polyhedra* by A. F. Wells, **84**, 466
Cozzens, John. *See* Goodearl, K. R.
Craig, William. *See* Diagneault, Aubert
Crandall, Michael G. *Nonlinear semigroups and differential equations in Banach spaces,* by Viorel Barbu, **84**, 632
Cuppens, Roger. *See* Helms, L. L.
Curtis, Charles W. Review of *Buildings of spherical type and finite BN-pairs* by Jacques Tits, **81**, 652
———. *Character theory of finite groups* by I. Martin Isaacs, **83**, 1005
Daigneault, Aubert. *Logic in algebraic form* by William Craig; and *An algebraic approach to non-classical logics* by Helena Rasiowa, **83**, 189
Daleckiĭ, Ju. L. *See* Schaffer, Juan Jorge
Darling, D. A. *Discrete-parameter martingales* by J. Neveu, **82**, 836
Daróczy, Z. *See* Kampé de Fériet, J.
Davis, Martin. *Mathematical logic* by J. Donald Monk, **83**, 1007
———. *See* Blass, Andreas
Davis, Philip J. *See* Barnhill, Robert E.
Day, M. M. *Etude géométrique des espaces vectoriels, une introduction* by Jacques Bair and René Fourneau, **83**, 951
Deimling, Klaus. *See* Redheffer, R. M.
Dénes, J. *See* Evans, Trevor
Denker, Manfred. *See* Jacobs, K.
Deny, Jacques. *Potential theory on locally compact abelian groups* by Christian Berg and Gunnar Forst, **82**, 840
Descartes, Blanche. *Graph theory with applications* by J. A. Bondy and U. S. R. Murty, **83**, 313
Devlin, Keith J. *See* Magidor, Menachem
Dickmann, M. A. *See* Hanf, William P.

Diestel, J. *See* Retherford, J. R.
———. *See* Lacey, H. Elton
Dieudonné, Jean. *See* Hartshorne, Robin
Dilworth, R. P. *Matroid theory* by D. J. A. Welsh, **84**, 1353
Dixon, John D. *See* Alperin, J. L.
Donoghue, W. F., Jr. *See* Karányi, Adam
Douglas, R. G. Review of *Einige Klassen singularen Gleichungen* by S. Prössdorf, **81**, 841
Douglis, Avron. *The wave equation on a curved space-time* by F. G. Friedlander, **84**, 222
Drasin, David. *Entire holomorphic mappings in one and several complex variables* by Phillip A. Griffiths, **83**, 942
Duncan, J. *See* Rickart, C. E.
Dunkl, Charles F. *See* Hofmann, Karl H.
Dunsmore, I. R. *See* Geisser, Seymour
Dwinger, Philip. *See* Bennett, Mary Katherine
Dym, H. *See* Sarason, Donald
Eaton, Morris L. *Techniques of multivariate calculation* by Roger H. Farrell, **83**, 939
Ebin, David G. *See* Hermann, Robert
Edelstein, M. *Embeddings and extensions in analysis* by J. H. Wells and L. R. Williams, **83**, 220
Edwards, R. E. *See* Coifman, R. R.
Eisenstein, Gotthold. *See* Weil, Andre
Ekeland, I. *Convex analysis and measurable multifunctions* by C. Castaing and M. Valadier, **84**, 950
———. *See* Morrey, Charles B., Jr.
Eklof, Paul C. *Model theoretic algebra: Selected topics* by Greg Cherlin, **83**, 954
Elliott, Robert J. *Pursuit games* by Otomar Hájek, **83**, 243
Ellis, G. F. R. *See* Markus, Lawrence
Erdelyi, A. Reveiw of *Constructive methods for elliptic equations* by R. P. Gilbert, **81**, 1036
Evans, Trevor. *Latin squares and their applications* by J. Dénes and A. D. Keedwell, **82**, 468
Ewing, John. *Applications of algebraic topology* by S. Lefschetz, **82**, 676
Faith, Carl. *See* Goodearl, K. R.
Faris, William G. *See* Goldstein, Jerome A.
Farrell, Roger H. *See* Eaton, Morris L.
Feferman, Solomon. *Proof theory* by Gaisi Takeuti, **83**, 351
Fefferman, Robert. *Differentiation of integrals in R^n* by Miguel de Guzmán, **83**, 196
Feinerman, Robert P. *See* Rivlin, Theodore J.
Fel'dman, I. A. *See* Widom, Harold
Fienberg, Stephen E. *See* Nerlove, Marc and Press, S. James
Fine, Terrence L. *A mathematical theory of evidence* by Glenn Shafer, **83**, 667
de Finetti, Bruno. *See* Good, I. J.
Fink, A. M. *See* Sell, George R.
Flanders, Harley. *Problems and theorems in analysis* by G. Pólya and G. Szegö, **84**, 53
Fleming, W. H. Review of *Optimal control theory* by L. D. Berkovitz, **81**, 840
———. *See* Berkovitz, Leonard D.
Foata, Dominique. *See* Whitehead, Earl Glen, Jr.
Forst, Gunnar. *See* Deny, Jacques
Fourneau, René. *See* Day, M. M.
Fraenkel, A. S. *On numbers and games* by J. H. Conway and *Surreal numbers* by D. E. Knuth, **84**, 1328
Freiman, G. A. *See* Gordon, Basil
Fremlin, D. H. *See* Gillespie, T. A.
Friedlander, F. G. *See* Douglis, Avron.
Friedman, Avner. *See* Varadhan, S. R. S.
Fu, K.-S. *See* Arbib, Michael A.
Fuller, Wayne A. *See* Hannan, E. J.
Gabasov, R. *See* Clarke, Frank H.
Gabriel, Peter. *See* Hochschild, G.
Galambos, János. *See* Volkmann, Bodo
Gale, David. *Mathematical theory of economic dynamics and equilibria* by V. L. Makarov and A. M. Rubinov, **84**, 665
Gårding, Lars. *Partial differential equations* by E. T. Copson, **82**, 521
Gardner, Melvin B. *See* Taylor, S. J.
Garfinkel, R. S. *See* Johnson, Ellis
Gastwirth, Joseph L. *Nonparametrics: Statistical methods based on ranks* by E. L. Lehmann, **83**, 967
Gaudry, Garth. *Homogeneous Banach algebras* by Hwai-Chiuan Wang, **84** 446
Gaudry, G. I. *See* Coifman, R. R.
Gehring, F. W. *Variation totale d'une fonction* by Michel Bruneau, **82**, 532
Geisser, Seymour. *Statistical prediction analysis* by J. Aitchison and I. R. Dunsmore, **82**, 683
Gihman, I. I. *See* Stroock, D. W.
Gilbert, R. P. *See* Erdelyi, A.
Gilbert, William J. *See* Herstein, I. N.
Gillespie, T. A. Review of *Topological Riesz spaces and measure theory* by D. H. Fremlin, **81**, 35
Gillman, Leonard. *The Stone-Čech compactification* by Russell C. Walker, **82**, 530
Glimm, James. *Mathematical statistical methanics* by Colin J. Thompson; *Statistical mechanics and mathematical problems, Battele, Seattle* edited by A. Lenard; and *Phase transitions and critical phenomena* edited by C. Domb and M. A. Green, **82**, 673
Gohberg, I. C. *See* Widom, Harold
Goldschmidt, David M. *Examples of groups* by Michael Weinstein, **84**, 444
Goldstein, Jerome A. *Self-adjoint operators* by William G. Faris, **82**, 462
Golubitsky, M. *See* Levine, Harold

Gonzalo, E. Reyes. *See* Monk, J. D.
Good, A. *Applications of sieve methods to the theory of numbers* by C. Hooley, **83**, 1015
———. *Abstract analytic number theory* by J. Knopfmacher, **83**, 1021
Good, I. J. *Theory of probability*, Volumes I, II by Bruno de Finetti, **83**, 94
Goodearl, K. R. *Simple Noetherian rings* by John Cozzens and Carl Faith, **83**, 211
Goodman, Roe W. *See* Koranyi, Adam
Goodman, Victor. Review of *Stochastic differential equations; theory and applications* by L. Arnold; and *Stochastic differential systems, I. Filtering and control, a function space approach* by A. V. Balakrishnan, **81**, 837
Gordon, Basil. Review of *Foundations of a structural theory of set addition* by G. A. Frieman, **81**, 393
Govindarajulu, Z. *See* Wijsman, Robert A.
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, **84**, 1339
Gray, Brayton. *See* Smith, Larry
Green, M. A. *See* Glimm, James
Greenberg, Harold. *See* Johnson, Ellis
Greiner, P. C. *See* Rothschild, Linda Preiss
Grenander, U. *See* Leob, A. L.
Greub, W. *See* Samelson, H.
Griffiths, Phillip A. *See* Drasin, David
Grothendieck, A. *See* Horváth, John
Gruenberg, K. W. Review of *Homology in group theory* by Urs Stammbach, **81**, 851
Grzegorczyk, Andrzej. *See* Barwise, Jon
Guillemin, V. *See* Levine, Harold
Gustafson, W. H. *Maximal orders* by I. Reiner, **82**, 526
———. *Matrix groups* by D. A. Suprunenko, **83**, 318
———. *Linear representations of finite groups* by Jean-Pierre Serre, **84**, 939
de Guzmán, Miguel. *See* Fefferman, Robert
Hájek, Otomar. *See* Elliott, Robert J.
Halberstam, H. H. *See* Montgomery, H. L.
Hale, J. K. *See* Sell, George R.
Halperin, Stephen. *See* Samelson, H.
Hanf, William P. *Large infinitary languages, model theory* by M. A. Dickmann, **83**, 184
Hannan, E. J. *Introduction to statistical time series* by Wayne A. Fuller, **83**, 989
Hartshorne, Robin. *Cours de géométrie algébrique.* vols. 1 and 2 Jean Dieudonné; *Basic algebraic geometry* by I. R. Shafarevich, **82**, 455
Hawking, S. W. *See* Markus, Lawrence
Hejhal, Dennis A. *See* Patterson, S. J.
Helgason, Sigurdur. Review of *Strong rigidity of locally symmetric spaces* by G. D. Mostow, **81**, 509
Helms, L. L. *Decomposition of multivariate probabilities* by Roger Cuppens, **83**, 699
Helton, J. William. Review of *Indefinite inner product spaces* by János Bognár, **81**, 1028
Henrici, Peter. *See* Boas, R. P.
———. *See* Boas, R. P. and Thron, W. J.
Hermann, Robert. *Comparison theorems in Riemannian geometry* by Jeff Cheeger and David G. Ebin, **82**, 834
Herstein, I. N. *Modern algebra with applications* by William J. Gilbert, **83**, 1286
———. *See* Miers, C. R.
Hestenes, Magnus R. *See* Jeroslow, Robert G.
Heuser, Harro. *See* Berberian, Sterling K.
Heyting. A. *See* Kreisel, G.
Higgins, J. R. *See* Boas, R. P.
Hille, Einar. *See* Sibuya, Yasutaka
Hirsch, Morris W. *See* James, I. M.
Hochschild, G. Review of *Primideale in Einhüllenden auflösbarer Lie-algebren* by Walter Borho, Peter Gabriel and Rudolf Rentschler, **81**, 39
Hochstadt, Harry. *See* Sneddon, Ian N.
Hochster, M. *Finite free resolutions* by D. G. Northcott, **84**, 652
Hoffmann, Christoph M. *Recursive Funktionen in der Komputer Theorie* by Rózsa Péter, **84**, 62
Hofmann, Joseph E. *See* Weil, A.
Hofmann, Karl H. *Representations of commutative semitopological semigroups* by Charles F. Dunkl and Donald E. Ramirez, **83**, 236
———. *See* Taylor, Joseph L.
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, **84**, 65
———. *See* Berberian, Sterling K.
Hoobler, R. T. *Sheaf theory* by B. R. Tennison, **83**, 702
Hooley, C. *See* Good, A.
Hoover, T. B. Review of *Invariant subspaces* by H. Radjavi and P. Rosenthal, **81**, 31
Hopenwasser, Alan. *Group theory and quantum mechanics* by B. L. van der Waerden, **82**, 451
Horváth, John. *Topological vector spaces* by A. Grothendieck, **82**, 515
Howe, Roger. *Harmonic analysis on compact solvmanifolds* by Jonathan Brezin, **84**, 671
Howie, John M. *Lectures in semigroups* by M. Petrich, **84**, 453
Hsiang, Wu Yi. *See* Bredon, Glen E.
Hu, T. C. *See* Johnson, Ellis

Humphreys, J. E. *Infinite-dimensional Lie algebras* by R. K. Amayo and Ian Stewart, **82**, 45
———. *Rational methods in Lie algebras* by George B. Seligman, **83**, 993
Hyers, D. H. *The theory of approximate methods and their application to the numerical solution of singular integral equations* by V. V. Ivanov, **83**, 964
Isaacs, I. Martin. *See* Curtis, Charles W.
Isbell, J. R. Review of *Values of non-atomic games* by R. J. Aumann and L. S. Shapley, **81**, 539
———. *Invariants for real-generated uniform topological and algebraic categories* by Kevin A. Broughan, **83**, 200
Ivanov, V. V. *See* Hyers, D. H.
Iyanaga, S. *See* O'Meara, O. T.
Jacobs, K. *Ergodic theory on compact spaces* by Manfred Denker and *Ergodic theory and topological dynamics* by James R. Brown, **83**, 1294
Jaffe, Arthur. *Introduction to axiomatic quantum field theory* by N. N. Bogolubov, A. A. Logunov, and I. T. Todorov, **83**, 349
James, I. M. *Differential topology* by Morris W. Hirsch, **83**, 997
James, Robert C. *Geometry of spheres in normed spaces* by Juan Jorge Schäffer, **84**, 71
Jenkins, James A. *Univalent functions—selected topics* by Glenn Schober, **83** 215.
Jeroslow, Robert G. *Optimization theory, the finite dimensional case* by Magnus R. Hestenes, **83**, 324
Johnson, D. L. *See* Rotman, Joseph
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, **84**, 228
Jones, D. S. *Asymptotic wave theory* by Maurice Roseau, **83**, 315
Joseph, Daniel D. *See* Rosenblat, S.
Kadison, Richard V. Review of *The structure of factors* by S. Anastasio and P. M. Willig, **81**, 522
Kampé de Fériet, J. *On measures of information and their characterizations* by J. Aczél and Z. Daróczy, **83**, 192
Kantor, W. M. *Parallelisms of complete designs* by Peter J. Cameron, **84**, 451
Kaplansky, Irving. *Mathematical developments arising from Hilbert problems* edited by Felix E. Browder, **83**, 697
Karpovsky, M. G. *See* Stone, Harold S.
Kasch, Friedrich. *See* Reiten, Idun
Kaufmann, A. *See* Arbib, Michael A.
Kazarinoff, Nicholas D. *The Hopf bifurcation and its applications* by J. E. Marsden and M. McCracken, **83**, 998
Keedwell, A. D. *See* Evans, Trevor
Keesling, James. *Dimension theory of general spaces* by A. R. Pears, **83**, 203
Keisler, H. Jerome. *See* Bishop, Errett
Keisler, H. J. *See* Makkai, M.
Keisler, Jerome. *See* Blass, Andreas
Keown, R. *Unitary representations and harmonic analysis, an introduction* by Mitsuo Sugiura, **83**, 100
Kesten, Harry. *Sums of independent random variables* by V. V. Petrov, **83**, 696
Kingman, J. F. C. Review of *Random sets and integral geometry* by G. Matheron, **81**, 844
———. *Stochastic processes in queueing theory* by A. A. Borovkov, **83**, 317
Kirillova, F. *See* Clarke, Frank H.
Klamkin, M. S. *Companion to concrete mathematics, Volumes* I *and* II, by Z. A. Melzak, **84**, 114
Kleitman, D. J. Review of *Map color theorem* by Gerhard Ringel, **81**, 657
Kluvanek, Igor. *See* Uhl, J. J., Jr.
Knapp, A. W. Review of *Lie groups, lie algebras, and their representations* by V. S. Varadarajan; and *Compact Lie groups and their representations* by D. P. Želobenko, **81**, 865
Knight, Frank B. *Stochastic processes* by John Lamperti, **84**, 677
Knopfmacher, J. *See* Good, A.
Knopp, Marvin I. *Elliptic modular functions* by B. Schoeneberg, **82**, 218
Knowles, Greg. *See* Uhl, J. J., Jr.
Knuth, D. E. *See* Fraenkel, A. S.
Korányi, Adam. Review of *Monotone matrix functions and analytic continuation* by W. F. Donoghue, Jr., **81**, 847
Kreĭn, M. G. *See* Schaffer, Juan Jorge
Kreisel, G. *L. E. J. Brouwer collected works*, Volume I, *Philosophy and foundations of mathematics* edited by A. Heyting, **83**, 86
———. *Wittgenstein's lectures on the foundations of mathematics* by R. G. Bosanquet, Norman Malcolm, Rush Rhees and Yorick Smythies, **84**, 79
———. *Nilpotent Lie groups: Structure and applications to analysis* by Roe W. Goodman, **84**, 674
Kuipers, L. *See* Tijdeman, R.
Kunze, Ray A. *The theory of unitary group representations* by George W. Mackey, **84**, 73.
Kuo, Hui-Hsiung. *See* Marcus, Michael B.
Kushner, Harold J. *See* Papanicolaou, George C.
Kussmaul, A. U. *See* Protter, Philip

Lacey, H. Elton. *Geometry of Banach spaces—Selected topics* by Joseph Diestel, **82**, 681
Lakshmikantham, V. *Qualitative analysis of large scale dynamical systems* by Anthony N. Michel and Richard K. Miller, **84**, 937
———. *Introduction to spectral theory: Selfadjoint ordinary differential operators* by B. M. Levitan and I. S. Sargsjan, **83**, 188
Lamperti, John. *See* Knight, Frank B.
Lang, Serge. *See* Langlands, R. P.
———. *See* Roquette, Peter
Langlands, R. P. $SL_2(\mathbf{R})$ by Serge Lang, **82**, 688
Lardner, R. W. *See* Lowengrub, Morton
Lawler, Eugene L. *See* Bellman, R. E.
Lazard, Michel. *See* Lubin, Jonathan D.
Lefschetz, S. *See* Ewing, John
Lehmann, E. L. *See* Gastwirth, Joseph L.
Lenard, A. *See* Glimm, James
Leob, A. L. *Pattern synthesis, lectures in pattern recognition, Volume* I by U. Grenander, **83**, 958
Levine, Harold. Review of *Analyse differentielle* by Valentin Poenaru; and *Stable mapping and their singularities* by M. Golubitsky and V. Guillemin, **81**, 872
Levitan, B. M. *See* Lakshmikantham, V.
Licea, Gabriela. *See* Meyer, P. A.
Lightstone, A. H. *See* Loeb, Peter A.
Lindenstrauss, Joram. *See* Bennett, Grahame
Linnik, Ju. V. *See* Loève, Michel
van Lint, Jacobus H. *See* Wilf, Herbert S.
Loeb, Peter A. *Non-archimedean fields and asymptotic expansions* by A. H. Lightstone and A. Robinson, **83**, 231
Loève, Michel, *Decomposition of random variables and vectors* by Ju. V. Linnik and I. V. Ostrovskiĭ, **84**, 638
Löfström, Jörgen. *See* Bennett, Colin
Logunov, A. A. *See* Jaffe, Arthur
Loos, Ottmar. *See* McCrimmon, Kevin
Lowengrub, Morton. *Mathematical theory of dislocations and fracture* by R. W. Lardner, **82**, 446
Lubin, Jonathan D. *Commutative formal groups* by Michel Lazard, **82**, 535
Lugowski, Herbert. *See* Cohn, P. M.
Luxemburg, W. A. J. *See* Blass, Andreas
Mack, John M. *See* Barwise, Jon
Mackey, George W. *See* Kunze, Ray A.
MacWilliams, F. J. *See* Pless, Vera S.
Magid, Andy R. Review of *Conjugacy classes in algebraic groups* by Robert Steinberg, **81**, 397
Magidor, Menachem. Review of *Aspects of constructibility* by Keith J. Devlin, **81**, 854
Magnus, Arne. *Essentials of Padé approximants* by George A. Baker, **82**, 243
Magnus, W. *Braids, links, and mapping class groups* by Joan S. Birman, **82**, 42
Mahler, Kurt. *See* Stolarsky, Kenneth B.
Makarov, V. L. *See* Gale, David
Makkai, M. *Model theory* by C. C. Chang and H. J. Keisler, **82**, 433
Makkai, Michael. *See* Monk, J. D.
Malcolm, Norman. *See* Kreisel, G.
Malita, Mircea. *See* Snell, Laurie
Manaster, Alfred B. *See* Barwise, Jon
Manes, E. G. *Topological transformation Groups* 1: *A categorical approach* by J. de Vries, **83**, 720
Marchuk, G. I. *See* Wendroff, Burton
Marcus, Michael B. *Gaussian measures in Banach spaces* by Hui-Hsiung Kuo, **82**, 695
Markus, Lawrence. *The large scale structure of space-time* by S. W. Hawking and G. F. R. Ellis, **82**, 805
Marsden, J. E. *See* Kazarinoff, Nicholas D.
Martin, Robert H. Jr. *See* Redheffer, R. M.
Masser, David. *See* Moreno, Carlos
Matheron, G. *See* Kingman, J. F. C.
Mazur, Barry. *Ernst Edward Kummer, Collected Papers, Vols.* I *and* II edited by André Weil, **83**, 976
McCracken, M. *See* Kazarinoff, Nicholas D.
McCrimmon, Kevin. *Jordan pairs* by Ottmar Loos, **84**, 685
McDonald, Bernard R. *See* Ohm, Jack
McEliece, Robert J. *See* Berlekamp, E. R.
McKean, H. P. *See* Sarason, Donald
McShane, E. J. *See* Stroock, D. W.
Melzak, Z. A. *See* Klamkin, M. S.
Mesarovic, M. D. *See* Mullin, Albert A.
Meyer, P. A. *Order and potential resolvent families of kernels* by Aurel Cornea and Gabriela Licea, **83**, 672
Michel, Anthony N. *See* Lakshmikantham, V.
Miers, C. R. *Rings with involution* by I. N. Herstein, **84**, 231
Miller, Richard K. *See* Lakshmikantham, V.
Milnor, John W. *See* Spanier, E. H.
Mitchell, Barry M. *Theory of modules* by Alexandru Solian, **84**, 1336
Mitropoliskii, Ju. A. *See* Moser, Jürgen
Monk, J. Donald. *See* Davis, Martin
Monk, J. D. *First order categorical logic* by Michael Makkai and Gonzalo E. Reyes, **84**, 1378.
Monna, A. F. *Fourier analysis on local fields* by M. H. Taibleson, **82**, 207
Montgomery, H. L. *Sieve methods* by H. H. Halberstam and H. -E. Richert, **82**, 846
Moreno, Carlos. *Elliptic functions and transcendence* by David Masser, **84**, 456
Morrey, Charles B., Jr. Review of *Analyse convexe et problèmes variationelles* by I. Ekeland and R. Teman, **81**, 857
Morrow, James A. Review of *Differential analysis on complex manifolds* by R. O. Wells, Jr., **81**, 660

Morse, Marston. *See* Smale, Stephen
Moschovakis, Y. N. *See* Barwise, Jon
Moser, Jürgen. *Methods of accelerated convergence in nonlinear mechanics* by N. N. Bogoljubov, Ju. A. Mitropoliskii and A. M. Samoilenko, **83**, 1290
Mostert, Paul S. *Continuous flows in the plane* by Anatole Beck, **82**, 693
———. *See* Taylor, Joseph L.
Mostow, G. D. *See* Helgason, Sigurdur
Mukherjea, Arunava. *See* Rosenblatt, Murray
Mullin, Albert A. Review of *General systems theory: mathematical foundations* by M. D. Mesarovic and Y. Takahara, **81**, 1042
Mullin, Ronald C. *See* Pless, Vera
Mura, Roberta Botto. *See* Conrad, Paul
Murty, U. S. R. *See* Descartes, Blanche
Naber, Gregory L. *See* Rudin, M. E.
Nagell, Trygve. *See* Schmidt, Wolfgang M.
Nashed, M. Z. *Monotonie: Lösbarkeit und Numerik bei Operatorgleichungen* by Erich Bohl; *Iterative methods for the solution of a linear operator equation in Hilbert space—A survey* by Walter Mead Patterson, **82**, 825
Negoiță, C. V. *See* Arbib, Michael A.
Nelson, Edward. *Le mouvement brownien relativiste* by Jean-Pierre Caubet, **84**, 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, **84**, 470
Neuberger, J. W. *Near-rings, the theory and its applications* by Gunter Pilz, **84**, 934
Neugebauer, O. *See* Chandrasekhar, S. and Swerdlow, N.
Neustadt, L. W. *See* Clarke, Frank H.
Neuts, Marcel F. *Lecture notes on queueing systems* by Brian Conolly, **83**, 322
Neuwirth, Lee P. *Knots and links* by Dale Rolfsen, **83**, 931
Neveu, J. *See* Darling, D. A.
Newman, Donald J. *See* Rivlin, Theodore J.
Niederreiter, H. *See* Tijdeman, R.
Nijenhuis, Albert. *See* Whitehead, Earl Glen, Jr.
Nikol'skiĭ, S. M. *See* Taibleson, M. H.
Nitsche, J. C. C. *See* Osserman, Robert
Nordgren, Eric A. *Topics in operatory theory* edited by C. Pearcy, **82**, 428
Northcott, D. G. *See* Hochster, M.
Ohm, Jack. *Geometric algebra over local rings* by Bernard R. McDonald, **84**, 75
Olevskiĭ, A. M. *See* Boas, R. P.
O'Meara, O. T. *The theory of numbers* by S. Iyanaga, **84**, 90
Orey, S. *Markov chains* by D. Revuz, **82**, 700
Osofsky, B. L. Review of *The structure of fields* by David J. Winter, **81**, 1037
Osserman, Robert. *Vorlesungen über Minimalflächen* by J. C. C. Nitsche, **82**, 703
Ostrovskiĭ, I. V. *See* Loéve, Michel
Packel, Edward W. *See* Akeman, Charles A.
Papanicolaou, George C. Review of *An introduction to invariant imbedding* by R. Bellman and G. M. Wing, **81**, 1044
———. *Probability methods for approximations in stochastic control and for elliptic equations* by Harold J. Kushner, **84**, 262
Patterson, S. J. *The Selberg trace formula for PSL(2, R), Volume* I by Dennis A. Hejhal, **84**, 256
Patterson, Walter Mead. *See* Nashed, M. Z.
Payne, L. E. *Partial differential equations: theory and technique* by George F. Carrier and Carl E. Pearson, **83**, 718
Pearcy, C. *See* Nordgren, Eric A.
Pears, A. R. *See* Keesling, James
Pearson, Carl E. *See* Payne, L. E.
Peirce, Charles S. *See* Burke, Arthur W.
Péter, Rózsa. *See* Hoffmann, Christoph M.
Petersen, K. E. *See* Axler, Sheldon
Petrich, Mario. *See* Grätzer, George A.
———. *See* Howie, John M.
Petrov, V. V. *See* Kesten, Harry
Pilz, Gunter. *See* Neuberger, J. W.
Piron, C. *See* Varadarajan, V. S.
Pless, Vera. *The mathematical theory of coding* by Ian F. Blake and Ronald C. Mullin, **82**, 41
———. *The theory of error-correcting codes.* I and II by F. J. MacWilliams and N. J. A. Sloane, **84**, 1356
Poenaru, Valentin. *See* Levine, Harold
Pólya, G. *See* Flanders, Harley
Ponasse, Daniel. *See* Barwise, Jon
Press, S. James. *See* Nerlove, Marc
Price, John F. *See* Corwin, Lawrence
Prössdorf, S. *See* Douglas, R. G.
Protter, Philip, *Stochastic integration and generalized martingales* by A. U. Kussmaul, **84**, 1346
Puttaswamaiah, B. M. *See* Alperin, J. L.
Rabinowitz, Philip. *See* Barnhill, Robert E.
Rademacher, Hans. *See* Stark, H. M.
Radjavi, H. *See* Hoover, T. B.
Ralescu, D. A. *See* Arbib, Michael A.
Ramirez, Donald E. *See* Hofmann, Karl H.
Rasiowa, Helena. *See* Daigneault, Aubert
Rauch, Jeffery. *Scattering theory for the d'Alembert equation in exterior domains,* by Calvin H. Wilcox, **82**, 465

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, **84**, 628
Reed, Michael. *See* Berberian, Sterling, K.
Reid, Constance. *See* Stone, Marshall H.
Reiner, I. *See* Gustafson, W. H.
Reissig, R. *See* Sell, George R.
Reiten, Idun. *Moduln und Ringe* by Friedrich Kasch, **84**, 925
Rentschler, Rudolf. *See* Hochschild, G.
Retherford, J. R. *Vector measures* by J. Diestel and J. J. Uhl, Jr., **84**, 681
Revuz, D. *See* Orey, S.
Reyes, Gonzalo E. *See* Monk, J. D.
Rhees, Rush. *See* Kreisel, G.
Rhemtulla, Akbar. *See* Conrad, Paul
Richert, H.-E. *See* Montgomery, H. L.
Rickart, C. E. Review of *Complete normed algebras* by F. F. Bonsall and J. Duncan, **81**, 514
Ringel, Gerhard. *See* Kleitman, D. J.
Rishel, Raymond W. *See* Berkovitz, Leonard D.
Rivlin, Theodore J. Review of *Polynomial approximation* by Robert P. Feinerman and Donald J. Newman, **81**, 28
Robbins, H. E. *Adventures of a mathematician* by S. M. Ulam, **84**, 107
Robinson, A. *See* Loeb, Peter A.
Robinson, Stephen M. *See* Johnson, Ellis
Rolfsen, Dale. *See* Neuwirth, Leo P.
Ronkin, L. I. *See* Stoll, Wilhelm
Roquette, Peter. *Elliptic functions* by Serge Lang, **82**, 523
Roseau, Maurice. *See* Jones, D. S.
Rosenblat, S. *Stability of fluid motions. I, II* by Daniel D. Joseph, **84**, 96
Rosenblatt, Murray. *Measures on topological semigroups: Convolution products and random walks* by Arunava Mukherjea and Nicholas A. Tserpes, **84**, 104
Rosenthal, P. *See* Hoover, T. B.
Ross, Kenneth A. *Spectral synthesis* by John J. Benedetto, **83**, 960
Rothschild, Linda Preiss, *Estimates for the ∂-Neumann problem* by P. C. Greiner and E. M. Stein, **84**, 266
Rotman, Joseph. *Presentation of groups* by D. L. Johnson, **83**, 97
Rourke, C. P. *See* Adams, J. F.
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, **84**, 271
Rudin, Walter. *See* Akemann, Charles A.
Rutishauser, Heinz. *See* Stewart, G. W.
Sachs, R. K. *See* Thorpe, John A.
Salkin, Harvey M. *See* Johnson, Ellis
Samelson, H. *Connections, curvature, and cohomology. Vols.* I, II, III, by W. Greub, Stephen Halperin and Ray Vanstone, **83**, 1011
Samoilenko, A. M. *See* Moser, Jurgen
Sanderson, B. J. *See* Adams, J. F.
Sansone, G. *See* Sell, George R.
Santaló, Luis A. *See* Chern, S. S.
Sarason, Donald. *Gaussian processes, function theory, and the inverse spectral problem* by H. Dym and H. P. McKean, **84**, 260
Sargsjan, I. S. *See* Lakshmikantham, V.
Sathaye, A. M. *See* Shatz, Stephen S.
Sattinger, David H. Review of *Theory of branching of solutions of nonlinear equations* by M. M. Vainberg and V. A. Trenogin, **81**, 886
Schaffer, Juan Jorge. Review of *Stability of solutions of differential equations in Banach space* by Ju. L. Daleckiĭ and M. G. Kreĭn, **81**, 1024
———. *See* James, Robert C.
Schmidt, Wolfgang M. *Selected mathematical papers of Axel Thue* edited by Trygve Nagell, Atle Selberg, Sigmund Selberg and Knut Thalberg, **84**, 919
Schober, Glenn. *See* Jenkins, James A.
Schoeneberg, B. *See* Knopp, Marvin I.
Schutz, J. W. *See* Suppes, Patrick
Seeley, R. T. *Pseudo-differential operators* by Michael Taylor, **82**, 249
Segal, Irving Ezra. *See* Taub, A. H.
Selberg, Atle. *See* Schmidt, Wolfgang M.
Selberg, Sigmund. *See* Schmidt, Wolfgang M.
Seligman, George B. *See* Humphreys, J. E.
Sell, George, R. *Almost periodic differential equations* by A. M. Fink; *Nonlinear differential equations of higher order* by R. Reissig, G. Sansone and R. Conti; *Functional differential equations* by J. K. Hale, **82**, 198
Serre, Jean-Pierre. *See* Gustafson, W. H.
Shafarevich, I. R. *See* Hartshorne, Robin
Shafer, Glenn. *See* Fine, Terrence L.
Shapley, L. S. *See* Isbell, J. R.
Shatz, Stephen S. *Geometric theory of algebraic space curves* by S. S. Abhyankar and A. M. Sathaye, **82**, 232
Shimura, M. *See* Arbib, Michael A.
Sibuya, Yasutaka. *Ordinary differential equations in the complex domain* by Einar Hille, **83**, 935
Siegel, Carl L. *See* Baily, Walter L., Jr.
Simon, Barry. *See* Challifour, John L.
———. *See* Berberian, Sterling K.
Sinai, Ya. G. *See* Chacon, R. V.
Skorohod, A. V. *See* Stroock, D. W.
Sloane, N. J. A. *See* Pless, Vera S.
Smale, Stephen. *Catastrophe theory: Selected papers* by E. C. Zeeman, **84**, 1360

Smale, Stephen. *Global variational analysis: Weierstrass integrals on a Riemannian manifold* by Marston Morse, **83** 683
Small, Lance W. *Rings of quotients* by Bo Stenström, **83**, 693
Smith, Jonathan D. H. *See* Grätzer, George A.
Smith, Larry. *Homotopy theory; an introduction to algebraic topology* by Brayton, Gray, **82**, 820
Smythies, Yorick. *See* Kreisel, G.
Sneddon, Ian N. *The functions of mathematical physics* by Harry Hochstadt, **82**, 237
Snell, Laurie. *Mathematics of organization* by Mircea Malita and Corneliu Zidăroiu, **83**, 676
Solian, Alexandru. *See* Mitchell, Barry M.
Spanier, E. H. Review of *Characteristic classes* by John W. Milnor and James D. Stasheff, **81**, 862
Spivak, Michael. *See* Alexander, Stephanie
Stammbach, Urs. *See* Gruenberg, K. W.
Stark, H. M. Review of *Topics in analytic number theory* by Hans Rademacher, **81**, 663
Stasheff, James D. *See* Spanier, E. H.
Stein, E. M. *See* Rothschild, Linda Preiss
Steinberg, Robert. *See* Magid, Andy R.
Steiner, Anne K. *Hausdorff compactifications* edited by Richard E. Chandler, 448, erratum, **84**, 1381
———. *Supercompactness and Wallman spaces* by J. Van Mill, **84**, 918
Stenström, Bo. *See* Small, Lance, W.
Stewart, G. W. *Vorlesungen über numerische Mathematik* by Heinz Rutishauser, **84**, 660
Stewart, Ian. *See* Humphreys, J. E.
Stolarsky, Kenneth B. *Transcendental number theory* by Alan Baker; *Lectures on transcendental numbers* by Kurt Mahler; *Nombres transcendants* by Michel Waldschmidt, **84**, 1370
Stoll, Wilhelm. *Introduction to the theory of entire functions of several variables* by L. I. Ronkin, **82**, 214
Stone, Harold S. *Finite orthogonal series in the design of digital devices* by M. G. Karpovsky, **83**, 681
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, **84**, 234
Stong, R. *Algebraic topology—homotopy and homology* by Robert M. Switzer, **82**, 196
Stout, William F. *See* Stroock, D. W.
Stroock, D. W. *The theory of stochastic processes.* I by I. I. Gihman and A. V. Skorohod; *Stochastic calculus and stochastic models* by E. J. McShane; *Mesures cylindriques, espaces de Wiener, et fonctions aléatoires Gaussiennes* by Albert Badrikian and Simon Chevet; *Almost sure convergence* by William F. Stout; *Integration in Hilbert space* by A. V. Skorohod, **82**, 227
Stroyan, K. D. *See* Blass, Andreas
Sugiura, Mitsuo. *See* Keown, R.
Suppes, Patrick. *Foundations of special relativity: Kinematic axioms for Minkowski spacetime* by J. W. Schutz, **82**, 459
Suprunenko, D. A. *See* Gustafson, W. H.
Swerdlow, Noel. *See* Chandrasekhar, S.
Switzer, Robert M. *See* Stong, R.
Szegö, G. *See* Flanders, Harley
Taha, Hamdy A. *See* Johnson, Ellis
Taibleson, M. H. *Approximation of functions of several variables and imbedding theorems,* by S. M. Nikol'skiĭ, **83**, 335
———. *See* Monna, A. F.
Takahara, Y. *See* Mullin, Albert A.
Takeuti, Gaisi. *See* Feferman, Solomon
Tanaka, K. *See* Arbib, Michael A.
Taub, A. H. *Mathematical cosmology and extragalactic astronomy,* by Irving Ezra Segal, **83**, 705
Taylor, Joseph L. Review of *Cohomology theories for compact Abelian groups* by K. H. Hofmann and P. S. Mostert, **81**, 1045
Taylor, Michael. *See* Seeley, R. T.
Taylor, S. J. *Topics in stochastic processes* by Robert B. Ash and Melvin B. Gardner, **82**, 817
Teman, R. *See* Morrey, Charles B., Jr.
Tennison, B. R. *See* Hoobler, R. T.
Thalberg, Knut. *See* Schmidt, Wolfgang M.
Thompson, Colin J. *See* Glimm, James
Thorpe, John A. *General relativity for mathematicians* by R. K. Sachs and H. Wu, **84**, 1344
Thron, W. J. *See* Boas, R. P.
Tijdeman, R. Review of *Uniform distribution of sequences* by L. Kuipers and H. Niederreiter, **81**, 672
Tits, Jacques. *See* Curtis, Charles W.
Todorov, I. T. *See* Jaffe, Arthur
Trenogin, V. A. *See* Sattinger, David H.
Treves, François. *See* Beals, Richard
Tserpes, Nicholas A. *See* Rosenblatt, Murray
Tzafriri, Lior. *See* Bennett, Grahame
Ueno, Kenji. *See* Winters, Gayn B.
Uhl, J. J., Jr. *Vector measures and control systems* by Igor Kluvanek and Greg Knowles, **83**, 103
———. *See* Retherford, J. R.
Ulam, S. M. *See* Robbins, H. E.
Vainberg, M. M. *See* Sattinger, David H.
Valadier, M. *See* Ekeland, I.

van der Waerden, B. L. *See* Hopenwasser, Alan
Van Mill, J. *See* Steiner, Anne K.
Vanstone, Ray. *See* Samelson, H.
Varadarajan, V. S. *Foundations of quantum physics* by C. Piron, **83**, 226
———. *See* Knapp, A. W.
Varadhan, S. R. S. *Stochastic differential equations and applications* Vols. 1 and 2 by Avner Friedman, **82**, 842
Vinogradov, I. M. *See* Ayoub, R. G.
Volkmann, Bodo. *Representations of real numbers by infinite series* by János Galambos, **83**, 973
Voxman, William L. *See* Rudin, M. E.
de Vries, J. *See* Manes, E. G.
Waelbroeck, Lucien. *Bornologies and functional analysis* by Henri Hogbe-Nlend, **84**, 1368
Waldschmidt, Michel. *See* Stolarsky, Kenneth B.
Walker, Russell C. *See* Gillman, Leonard
Walsh, G. R. *See* Young, L. C.
Wang, Hwai-Chiuan. *See* Gaudry, Garth
Weil, A. Review of *Leibniz in Paris* 1672–1676, *his growth to mathematical maturity* by Joseph E. Hofmann, **81**, 676
———. *Mathematische Werke* by Gotthold Eisenstein, **82**, 658
———. *See* Mazur, Barry
Weinstein, Michael. *See* Goldschmidt, David M.
Weir, Maurice D. *See* Comfort, W. W.
Weiss, Guido. *See* Coifman, Ronald R.
Wells, A. F. *See* Coxeter, H. S. M.
Wells, J. H. *See* Edelstein, M.
Wells, R. O., Jr. *See* Morrow, James A.
Welsh, J. A. *See* Dilworth, R. P.
Wendroff, Burton. *Methods of numerical mathematics* by G. I. Marchuk, **82**, 864
Whitehead, Earl Glen, Jr. Review of *La série génératrice exponentielle dans les problèmes d'enumération* by Dominique Foata, **81**, 885
———. *Combinatorial algorithms* by Albert Nijenhuis and Herbert S. Wilf, **82**, 870
Widder, D. V. *See* Boas, R. P.
Widom, Harold. Review of *Convolution equations and projection methods for their solution* by I. C. Gohberg and I. A. Fel'dman, **81**, 546
Wijsman, Robert A. *Sequential statistical procedures* by Z. Govindarajulu, **82**, 663
Wilcox, Calvin H. *See* Rauch, Jeffrey
Wilf, Herbert S. Review of *Algebraic graph theory* by Norman Biggs; and *Combinatorial theory seminar* by Jacobus H. van Lint, **81**, 536
———. *See* Whitehead, Earl Glen, Jr.
Williams, L. R. *See* Edelstein, M.
Willig, P. M. *See* Kadison, Richard V.
Wing, G. M. *See* Papanicolaou, George C.
Winter, David J. *See* Osofsky, B. L.
Winters, Gayn B. *Classification theory of algebraic varieties and compact complex spaces* by Kenji Ueno, **83**, 344
Wu, H. *See* Thorpe, John A.
Young, L. C. *Methods of optimization* by G. R. Walsh, **82**, 540
Zabrodsky, Alexander. *See* Arkowitz, Martin
Zadeh, L. A. *See* Arbib, Michael A.
Zeeman, E. C. *See* Smale, Stephen
Želobenko, D. P. *See* Knapp, A. W.
Zidăroiu, Corneliu. *See* Snell, Laurie
Ziemer, William P. *Sobolev spaces* by Robert Adams, **82**, 668