

## INDEX TO VOLUME 1

- Barnes, Bruce A. *Examples of modular annihilator algebras*, 657.  
Barnhill, Robert E. *Generalizations of midpoint rules*, 603.  
Bradway, Robert H., Gross, Fletcher and Scott, W. R. *The nilpotence class of core-free quasinormal subgroups*, 375.  
Brase, Charles H. *Valuation rings with zero divisors*, 667.  
Brenner, J. L. *Regularity theorems and Gershgorin theorems for matrices over rings with valuation*, 509.  
Brown, Ron. *Real places and ordered fields*, 633.  
Burgess, C. E. and Cannon, J. W. *Embeddings of surfaces in  $E^3$* , 259.  
Cannon, J. W. See Burgess, C. E.  
Clough, Robert R. *Primary cohomology operations in  $BSJ$* , 407.  
Dollard, John D. *Quantum-mechanical scattering theory for short-range and Coulomb interactions*, 5.  
Easton, R. J. See de Korvin, A.  
Erbe, Lynn. *Boundary value problems for ordinary differential equations*, 709.  
Erdős, P. and Ulam, S. *Some probabilistic remarks on Fermat's last theorem*, 613.  
Faber, Vance. *Large abelian subgroups of some infinite groups*, 677.  
Faris, William G. *Time decay and the Born series*, 637.  
Franke, Richard. *Best Chebyshev quadratures*, 499.  
Gilbert, Richard C. *Spectral representation of selfadjoint dilations of symmetric operators with piecewise  $C^2$  spectral functions*, 431.  
Gross, Fletcher.  *$p$ -subgroups of core-free quasinormal subgroups*, 541.  
—. See Bradway, Robert H.  
Hager, Anthony W. *An example concerning algebras of measurable functions*, 415.  
Hill, Paul. *Sufficient conditions for a group to be a direct sum of cyclic groups*, 345.  
Horwitz, L. P. and Marchand, J.-P. *The decay-scattering system*, 225.  
Hsiung, Chuan-Chih and Levko, John J. III. *Curvature and characteristic classes of compact pseudo-Riemannian manifolds*, 523.  
Kapp, Kenneth M. *Green's Lemma for groupoids*, 551.  
Kato, Tosio and Kuroda, S. T. *The abstract theory of scattering*, 127.  
Kent, D. C. *Decisive convergence spaces, Fréchet spaces and sequential spaces*, 367.  
Koopmans, L. H. and Qualls, Clifford. *Fixed length confidence intervals for parameters of the normal distribution based on two-stage sampling procedures*, 587.  
de Korvin, A. and Easton, R. J. *Some representation theorems*, 561.  
Kreith, Kurt. *Nodal domain theorems for general elliptic equations*, 419.  
Kuroda, S. T. See Kato, Tosio.  
Larsen, Max D. and Mirbagheri, Ahmad. *A note on the intersection of the powers of the Jacobson radical*, 617.  
Lax, Peter D. and Phillips, Ralph S. *Scattering theory*, 173.  
Levko, John J. III. See Hsiung, Chuan-Chih.

- Loveland, L. D. *The boundary of a vertically connected cube is tame*, 537.  
Lowenthal, Franklin. *Uniform finite generation of the rotation group*, 575.  
Marchand, J.-P. See Horwitz, L. P.  
Mirbagheri, Ahmad. See Larsen, Max D.  
Muldowney, James S. *On Liapunov's direct method*, 469.  
Onneweer, C. W. *Uniform convergence of Fourier series on groups. II*, 623.  
Phillips, Ralph S. See Lax, Peter D.  
Phillips, Richard E. *Countably recognizable classes of groups*, 489.  
Pilz, Gunter. *Parallelism in near-rings*, 483.  
Qualls, Clifford. See Koopmans, L. H.  
Reid, William T. *Generalized polar coordinate transformations for differential systems*, 383.  
Schmitt, Klaus. *Comparison theorems for second order delay differential equations*, 459.  
Scott, W. R. See Bradway, Robert H.  
Shenk, Norman and Thoe, Dale. *Eigenfunction expansions and scattering theory for perturbations of  $-\Delta$* , 89.  
Shotwell, David A. *Singular boundary problems for the differential equation  $Lu = \lambda \sigma u$* , 687.  
Sibley, David A. *A metric for weak convergence of distribution functions*, 427.  
Silverman, Herb. *Properties of Pólya peaks*, 649.  
Thoe, Dale. See Shenk, Norman.  
Ulam, S. See Erdős, P.  
Walker, Elbert A. *Divisible quotient groups of reduced Abelian groups*, 353.  
Wilcox, Calvin H. *Introduction*, 1.  
Willett, D. *A necessary and sufficient condition for the oscillation of some linear second order differential equations*, 357.  
Wyman, Max. *Biographical sketch — Leo Moser*, 255.