

INDEX TO VOLUME 7

- Amberg, Bernhard, *Factorizations of infinite soluble groups*, 1.
- Bagby, Richard J., *Fourier multipliers from $H^1(\mathbb{R}^n)$ to $L^p(\mathbb{R}^n)$* , 323.
- Bates, P. W., and Gustafson, G. B., *Projection methods for nonlinear nodal problems*, 579.
- Bebernes, J., *Proceedings of the regional conference on the application of topological methods in differential equations*, 385.
- Bebernes, J. W., and Schmitt, K., *Invariant sets and the Hokohara-Kneser property for systems of parabolic partial differential equations*, 567.
- Berndt, Bruce C., *Modular transformations and generalizations of several formulae of Ramanujan*, 147.
- Bilyeu, Russell G., and Lewis, Paul W., *Orthogonality and the Hewitt-Yosida theorem in spaces of measures*, 629.
- Cameron, D. E., *Hausdorff and H -compact are not complimentary*, 123.
- Cameron, D. E., *Maximal QHC-spaces*, 313.
- Campbell, Douglas Michael, *Eventually p -valent functions*, 639.
- Casazza, P. G., and Lin, Bor-Luh, *Some geometric properties of Lorentz sequence spaces*, 683.
- Cass, F. P., Chang, E. H., and Russell, D. C., *On strong Riesz and strong Cesàro summability*, 219.
- Chang, E. H. See Cass, F. P.
- Chatfield, J. A., *Product integrals and continuity*, 31.
- Churchill, R. C., Pecelli, G., and Rod, D. L., *Hyperbolic structures in Hamiltonian systems*, 439.
- Churchill, R. C., Pecelli, G., Sacolick, S., and Rod, D. L., *Coexistence of stable and random motion*, 445.
- Coram, D. S., and Duvall, P. F. Jr., *Approximate fibrations*, 275.
- Duvall, P. F. Jr. See Coram, D. S.
- Elderkin, Richard H., *Separatrices in solitude*, 489.
- Embry, Mary R., and Lambert, Alan, *Weighted translation semigroups*, 333.
- Faulkner, Gary D., *Representation of linear functionals in a Banach space*, 789.
- Fife, Paul C., *Asymptotic analysis of reaction-diffusion wave fronts*, 389.
- Fontenot, R. A., and Schochetman, I., *Inducted representations of groups on Banach spaces*, 53.
- Franks, John M., *Non-singular flows on S^3 with hyperbolic chain-recurrent set*, 549.
- Gaines, Robert, and Walter, Wolfgang, *Periodic solutions to nonlinear parabolic differential equation*, 297.
- Grasman, William, *Periodic solutions of autonomous differential equations in higher dimensional spaces*, 467.
- Gustafson, G. B. See Bates, P. W.
- Harris, Morton E., *A universal mapping problem, covering groups and automorphism groups of finite groups*, 289.
- Harris, Morton E., *On p' -automorphisms of abelian p -groups*, 751.
- Hartley, B., *Profinite and residually finite groups*, 193.
- Hastings, S. P., *On the uniqueness and global asymptotic stability of periodic solutions for a third order system*, 523.
- Hazlewood, D. G., *On ideals having only small prime factors*, 753.
- Heitmann, Raymond C., *A connected absolutely flat scheme*, 775.
- Heitmann, Raymond C., *Prime ideal posets in noetherian rings*, 667.
- Helton, Jon C., *Two generalizations of the Gronwall inequality by product integration*, 733.

- Hoff, David, *Approximation and decay of solutions of nonlinear diffusion equations*, 557.
- Howard, M. L., *A class of models for operators*, 369.
- Howes, F. A., *A boundary layer theory for some linear and nonlinear boundary value problems*, 501.
- Kaigh, W. D., *Success probabilities of a conditioned random walk*, 807.
- Kelley, Walter G., *A geometric method of studying two point boundary value problems for second order systems*, 251.
- Koch, Richard M., and Lowenthal, Franklin, *Uniform finite generation of lie groups locally-isomorphic to $SL(2, R)$* , 707.
- Kucera, Jan, and McKennon, Kelly, *The topology on certain spaces of multipliers of temperate distributions*, 377.
- Kuhfittig, P., *Fixed-point theorems for mappings with non-convex domain and range*, 141.
- Lamartin, W. F., *Pontryagin duality for products and coproducts of abelian k -groups*, 725.
- Lambert, Alan. See Embry, Mary R.
- Leahey, W. J. See Nymann, J. E.
- Lewis, Paul W. See Bilyeu, Russell G.
- Lin, Bor-Luh. See Casazza, P. G.
- Lowenthal, Franklin. See Koch, Richard M.
- Lu, Chin-Pi, *Factorial domains*, 125.
- Magid, Andy R., *Factoriality in quotients of linear G_m -actions*, 675.
- Mawhin, Jean, *Stable homotopy and ordinary differential equations with nonlinear boundary conditions*, 417.
- McKennon, Kelly. See Kucera, Jan.
- Milnes, Paul, *Almost automorphic functions and totally bounded groups*, 231.
- Montgomery, John T., *A weak Hartman's theorem for homomorphisms and semigroups in a Banach space*, 515.
- Nymann, J. E., and Leahey, W. J., *On the probability that an integer chosen according to the binomial distribution be k -free*, 769.
- Pecelli, G. See Churchill, R. C.
- Peitgen, Heinz-Otto, *On continua of periodic solutions for functional differential equations*, 619.
- Penn, Howard Lewis, *Sweeping measures from the polydisc to the torus*, 117.
- Peterson, Allan C., *Existence-uniqueness for two-point boundary value problems for n th order nonlinear differential equations*, 103.
- Phillips, Richard E., *Infinite groups with normality conditions on infinite subgroups*, 19.
- Ratliff, L. J. Jr., *Going-between rings and contractions of saturated chains of prime ideals*, 777.
- Rauch, Jeffrey, and Taylor, B. A., *The Dirichlet problem for the multidimensional Monge-Ampere equation*, 345.
- Reid, William T., *A criterion of oscillation for generalized differential equations*, 799.
- Roberts, F. D. K., *Minimal degree rational approximation*, 659.
- Robinson, Clark, *Stability theorems and hyperbolicity in dynamical systems*, 425.
- Rod, D. L. See Churchill, R. C.
- Russell, D. C. See Cass, F. P.
- Sacolick, S. See Churchill, R. C.
- Schiff, J. L., *On a set of poles at the Wiener boundary*, 365.
- Schmitt, K. See Bebernes, J. W.
- Schochetman, I. See Fontenot, R. A.
- Sember, J. J., *On unconditional section boundedness in sequence spaces*, 699.

- Shonkwiler, R., *Multi-parameter spectral measures, generalized resolvents, and functions of positive type*, 83.
- Silverman, H., and Telage, D. N., *Spiral functions and related classes with fixed second coefficient*, 111.
- Silverman, H., and Telage, D. N., *Extremal properties of a subclass of close-to-convex functions*, 371.
- Silvia, E. M., *p-Valent classes related to functions of bounded boundary rotation*, 265.
- Taylor, B. A. See Rauch, Jeffrey.
- Telage, D. N. See Silverman, H.
- Ting, Tsuan Wu, *St. Venant's compatibility conditions and basic problems in elasticity*, 47.
- Troy, William C., *The disappearance of solitary traveling wave solutions of a model of the Belousov-Zhabotinskii reaction*, 477.
- Walter, Wolfgang. See Gaines, Robert.
- Westreich, David, *Bifurcation of 2mth order nonlinear elliptic partial differential equations*, 793.

Going-between rings and contractions of saturated chains of prime ideals	
By L. J. RATLIFF, JR.	777
Representation of linear functionals in a Banach space	
By GARY D. FAULKNER	789
Bifurcation of $2m$ th order nonlinear elliptic partial differential equations	
By DAVID WESTREICH.....	793
A criterion of oscillation for generalized differential equations	
By WILLIAM T. REID	799
Success probabilities of a conditioned random walk	
By W. D. KAIGH.....	807
Index, Volume 7	817