

## INDEX TO VOLUME 15

- Albrecht, Ulrich, *Chain conditions in endomorphism rings*, 91.
- Alex, Leo J., Foster, Lorraine L., *On the Diophantine equation  $1 + p^a = 2^b + 2^c p^d$* , 739.
- Andrews, G. E., Bressoud, D. M., *On the Burge correspondence between partitions and binary words*, 225.
- Aouf, M. K.,  *$p$ -Valent classes related to convex functions of complex order*, 853.
- Atalla, Robert E., *Spectrum of nonpositive contractions on  $C(X)$* , 207.
- Barker, George P., Conklin, Joyce J., *Relexive algebras of matrices*, 107.
- Berndt, Bruce C., Lamphere, Robert L., Wilson, B. M., *Chapter 12 of Ramanujan's second notebook: Continued fractions*, 235.
- Briggs, W. E., *Zeros and factors of polynomials with positive coefficients and protein-ligand binding*, 75.
- Cater, F. S., *Functions with preassigned local maximum points*, 215.
- Chidambaraswamy, J., Sitaramachandrarao, R., *Density of  $m$ -tuples with respect to polynomials*, 319.
- Chihara, T. S., *Orthogonal polynomials and measures with end point masses*, 705.
- Cima, J. A., Matheson, A., *Approximation in the mean by polynomials*, 729.
- Conlon, Joseph G., *A new proof of the Cwikel-Lieb-Rosenbljum bound*, 117.
- Craven, Thomas, Csordas, George, *On the betweenness condition of Rolle's Theorem*, 721.
- Diamond, Beverly, *A characterization of those spaces having zero-dimensional remainders*, 47.
- Duchateau, Paul, *Boundary behavior and monotonicity estimates for solutions to nonlinear diffusion equations*, 769.
- Edgar, Hugh, *Problems and some results concerning the Diophantine equation*, 327.
- Erdős, Paul, Pomerance, Carl, *On the normal number of prime factors of  $\psi(n)$* , 341.
- Erdős, Paul, *Problems and results on consecutive integers and prime factors of binomial coefficients*, 351.
- Erdős, Paul, *F. Strauss 1921-23*, 331.
- Ewell, John A., *Some combinatorial identities and arithmetical applications*, 363.
- Fabrykowski, J., *On multidimensional covering systems of congruence*, 369.
- Fife, James H., *Triple products in the category of spectra over a space*, 817.
- Fournier, Richard, *Some distortion theorems for a class of convex functions*, 123.
- Friedlander, John B., *Notes on Chebyshev's method*, 375.
- Gioia, A. A., Subbarao, M. V., *Research Problems*, 383.
- Groetsch, C. W., Guacaneme, J., *Regularized Ritz approximations for Fredholm equations of the first kind*, 33.
- Hafner, James Lee, *Applications of spectral theory to number theory*, 387.
- Harris, V. C., Subbarao, M. V., *On the divisor sum function*, 397.
- Hazra, R. N., Chattopadhyay, K. C., *Basic quasi-proximities, grills and compactifications*, 835.
- Humphreys, John E., *The Schur multiplier of the automorphism group of the Mathieu group  $M_{22}$* , 155.
- Jacobsen, Lisa, *Functions defined by continued fractions. Meromorphic continuation*, 685.
- Kani, Ernst, *Robert Arnold Smith 23.1.1937—30.3.1983*, 415.
- Kani, Ernst, *Weil heights, Neron pairings and  $v$ -metrics on curves*, 441.
- Khattab, K. S., Khidr, A. M., *An occupancy problem*, 219.

- Kmet, Steve, Sehgal, Sudershan, *Some isomorphism invariants of integral group rings*, 451.
- Kunzi, Hans-Peter, Fletcher, Peter, *Some questions related to almost 2-fully normal spaces*, 173.
- Lacampagne, G. B., Selfridge, J. L., *Large highly powerful numbers are cubeful*, 459.
- Laetsch, Theodore, *The theory of forced, convex, autonomous, two point boundary value problems*, 133.
- Lai, Hang-Chi, *Multipliers for some spaces of Banach algebra valued functions*, 157.
- Lehmer, Emma, *Cyclotomy of order twice a prime*, 481.
- Lehmer, D. H., *Numbers associated with Stirling numbers and xxxx*, 461.
- Leonard, Philip A., Williams, Kenneth S., *On the divisibility of the class number of  $Q(\sqrt{-pq})$  by 16*, 491.
- Libera, Richard J., Zlotkiewicz, Eligiusz J., *The coefficients of the inverse of an odd convex function*, 677.
- Lipsman, Ronald L., *On the existence of metric polarizations*, 13.
- Lomont, J. S., Cheena, M. S., *Properties of Pfaffians*, 493.
- Malik, M. A., *On a theorem of Bernstein*, 765.
- Mercier, Armel, *Sums containing the fractional parts of numbers*, 513.
- Meyer, Burnett, *On continued fractions corresponding to asymptotic series*, 167.
- Miranda, Rick, *Gorenstein toric threefolds with isolated singularities and cyclic divisor class group*, 39.
- Murty, M. Ram, *On the estimation of eigenvalues of Hecke operators*, 521.
- Murty, V. K., *Explicit formulae and the Lang-Trotter conjecture*, 535.
- Obaid, S. A., Rung, D. C., *Interpolating sequences on curves*, 787.
- Peters, James V., *Tomographic reconstruction of functions from their singularities*, 667.
- Rao, V. Venugopal, *Fourier coefficients on non-analytic automorphic functions of several variables*, 553.
- Rogers, Thomas D., *Remarks on Sharkovsky's Theorem*, 565.
- Rousseau, Celia K., Rousseau, Cecil C., *Greedy algorithm and coinage systems*, 571.
- Schinzel, A., *The fundamental lemma of Brun's sieve in a new setting*, 573.
- Schwartz, Charles, *The Schur and Hahn theorems for operator matrices*, 61.
- Sitaramachandrarao, R., *On an error term of Landau-II*, 579.
- Smith, R. A., *The distribution of rational points on a curve defined modulo  $q$* , 589.
- Snyder, C., *Kummer congruences in formal groups and algebraic groups of dimension one*, 1.
- Stewart, C. L., *On the greatest prime factor of terms of a linear recurrence sequence*, 599.
- Subbarao, M. V., Prasad, V. Siva Rama, *Some analogues of a Lehmer problem on the totient function*, 609.
- Tingley, Daryl, *Metric transformations of the real line*, 199.
- Wayman, Arthur K., *The genera of  $PSL(F_q)$ —Luroth coverings*, 185.
- Wei-xing, Zheng, *Derivative and approximation theorems on local fields*, 801.
- Williams, Hugh C., *Continued fractions and number-theoretic computations*, 621.
- Zassenhaus, Hans, *On polynomial factorization*, 657.