

VOLUME INDEX

- Abel, Zachary, see Litt, Daniel.
- Abrams, G., *Number-theoretic conditions which yield isomorphisms and equivalences between matrix rings over Leavitt algebras*, 1069.
- Al-Ayyoub, Ibrahim, *The Ratliff-Rush closure of initial ideals of certain prime ideals*, 1085.
- Albayrak, Inci, *A regularized trace formula for differential equations with trace class operator coefficients*, 1095.
- Arangala, Crista, see Mir, Ellen.
- Arhippainen, Jorma, *On A-convex norms on commutative algebras*, 367.
- Ayad, Mohamed, *On irreducible polynomials over \mathbf{Q} which are reducible over \mathbf{F}_p for all p* , 1377.
- Azouzi, Youssef, *Gleason-Kahane-Zelasko type theorems for complex Riesz algebras*, 1.
- Bayramov, Azad, see Albayrak, Inci.
- Bello Cruz, J., see Pijeira Cabrera, H.
- Benchohra, Mouffak, *The method of upper and lower solutions for second order differential inclusions with integral boundary conditions*, 13.
- Bennis, Driss, *Rings over which all modules are strongly Gorenstein projective*, 749.
- Bérczes, Attila, *Arithmetic progressions in the solution sets of norm form equations*, 383.
- Blaya, Alejo Barrio, *The smallest amount of chaos*, 27.
- Blažić, Novica, *Four-dimensional Lie algebras with a para-hypercomplex structure*, 1391.
- Blows, Terence R., *Center configurations of Hamiltonian cubic systems*, 1111.
- Bocci, Cristiano, *Special effect varieties and (-1) -curves*, 397.
- Bodine, Sigurn, *Asymptotic integration under weak dichotomies*, 51.
- Bongiorno, Benedetto, *Extensions of positive linear functionals on a topological *-algebra*, 1745.
- Botelho, Fernanda, *Generalized bi-circular projections on $C(\Omega, X)$* , 77.
- Bottacin, Francesco, *Differential forms on moduli spaces of parabolic bundles*, 1779.
- Boulabiar, Karim, see Azouzi, Youssef.
- Bu, Qingying, *Complete continuity properties for the Fremlin projective tensor product of Orlicz sequence spaces and Banach lattices*, 1797.
- Cadel, Agnese, *The Sherrington Kirkpatrick model with ferromagnetic interaction*, 1441.
- Callejas-Bedregal, R., *Some properties of the multiplicity sequence for arbitrary ideals*, 1809.
- Campiti, Michele, *Direct sums of Voronovskaja's type formulas*, 421.
- Carlip, Walter, *Stability classes of second-order linear recurrences modulo 2^k* II, 85.
- Chakraborty, Sujoy, *On Jordan left k -derivations of completely prime Γ -rings*, 1829.
- Chang, K.S., *Fourier-Feynman transforms, convolutions and first variations on the space of abstract Wiener space valued continuous functions*, 789.
- Chang, Seung Jun, *Generalized Fourier-Feynman transforms, convolution products, and first variations on function space*, 761.
- Chen, Jun-Fan, *Shared sets and normal families of meromorphic functions*, 1473.
- Cheng, Yuan-You Fu-Rui, *Explicit estimate on primes between consecutive cubes*, 117.

- Choi, Jae Gil, see Chang, Seung Jun.
 Choi, Kyeongpyo, see Jin, Yinghua.
 Choi, Q-Heung, see Jin, Yinghua.
 Choi, Seul Hee, *Grade stable Lie algebras I*, 813.
 Chu, Y.M., see Zhang, X.M.
 Coffey, Mark W., *Polygamma theory, the Li/Keiper constants and the Li criterion for the Riemann hypothesis*, 1841.
 Cordero, Elena, *Quasianalytic Gelfand-Shilov spaces with application to localization operators*, 1123.
 De Commer, K., *Multiplier Hopf algebras imbedded in locally compact quantum groups*, 1149.
 De Jong, Robin, *Theta functions on the theta divisor*, 155.
 De La Sen, M., *On the reachability and controllability of positive linear time-invariant dynamic systems with internal and external incommensurate point delays*, 177.
 Dehghan, Mehdi, *The reflexive and anti-reflexive solutions of a linear matrix equation and systems of matrix equations*, 825.
 DeMeyer, Lisa, *Classification of commutative zero-divisor semigroup graphs*, 1481.
 Dijkstra, Jan J., *Homogeneity properties with isometries and Lipschitz functions*, 1505.
 Ditzian, Z., *Nikol'skii inequalities for Lorentz spaces*, 209.
 Došlá, Z., *Oscillatory properties of second order nonlinear differential equations*, 445.
 Duncan, Benton L., *Graph Douglas algebras*, 471.
 Elias, U., *Approximation of the Jacobi polynomials and the Racah coefficients*, 849.
 Feng, Lihua, see Yu, Guihai.
 Fenghong, Lu, *Affine isoperimetric inequalities for L_p -intersection bodies*, 489.
 Fukuda, Shigetaka, *A note on the projective varieties of almost general type*, 501.
 Fura, Justyna, *Existence of nonstationary periodic solutions of Γ -symmetric asymptotically linear autonomous Newtonian systems with degeneracy*, 873.
 Gallardo, Luis H., *Sums and strict sums of biquadrates in $\mathbf{F}_q[t]$, $q \in \{3, 9\}$* , 1863.
 Ge, Weigao, see Tian, Yu.
 Gentili, Graziano, *Regular functions on the space of Cayley numbers*, 225.
 Georgiou, Nikos, *On the space of oriented geodesics of hyperbolic 3-space*, 1183.
 Gherghe, Cătălin, *Harmonicity on cosymplectic manifolds*, 1875.
 Gingold, H., see Elias, U.
 Gołębiewska, Anna, see Fura, Justyna.
 Graham, Colin C., *Characterizations of classes of I_0 sets in discrete Abelian groups*, 513.
 Gromadzki, Grzegorz, *On the number of p -gonal coverings of Riemann surfaces*, 1221.
 Guilfoyle, Brendan, see Georgiou, Nikos.
 Hajarian, Masoud, see Dehghan, Mehdi.
 Hajdu, Lajos, see Bérczes, Attila.
 Hamani, Samira, see Benchohra, Mouffak.
 Hare, Kathryn E., see Graham, Colin C.
 Hibsweiler, R.A., *Composition operators which improve integrability between weighted Dirichlet spaces*, 1887.
 Horak, Matthew, *Partially ordered groups which act on oriented order trees*, 1527.
 Hussain, Sabir, *Bounds for strengthened Hardy and Polya-Knopp's differences*, 913.
 Izuchi, Kei Ji, *Ranks of cross commutators on backward shift invariant subspaces over the bidisk*, 929.
 Izuchi, Kou Hei, see Izuchi, Kei Ji.

- Jamison, James E., see Botelho, Fernanda.
- Ji, Donghai, see Bu, Qingying.
- Jiang, Yunjiang, see DeMeyer, Lisa.
- Jiménez-Vargas, A., *Weakly peripherally multiplicative surjections of pointed Lipschitz algebras*, 1903.
- Jin, Yinghua, *Multiplicity of solutions for elliptic systems with topological methods*, 943.
- Johnson, Aja, see Mir, Ellen.
- Johnson, Charles R., *Semidefiniteness without Hermiticity*, 1579.
- Jojić, Duško, *The cd-index of the poset of intervals and E_t -construction*, 527.
- Kauffman, Robert M., *Generalized eigenfunction expansions for spectral multiplicity one and application in analytic number theory*, 243.
- Kauppi, Jukka, see Arhippainen, Jorma.
- Kearsley, A.J., see Melara, L.A.
- Kerr, Megan M., *The geometry of filiform nilpotent Lie groups*, 1587.
- Khatibzadeh, Hadi, see Rouhani, Behzad Djafari.
- Kim, B.S., see Chang, K.S.
- Kim, Ju Myung, *The topology of pointwise, compact and weakly compact convergence on $\mathcal{B}(X, Y)$* , 543.
- Koklu, Kevser, see Albayrak, Inci.
- Kolitsch, Louis W., *A weighted partition function connected to the Rogers-Szego polynomials*, 1923.
- Kolk, Enno, *Banach-Steinhaus type theorems for statistical and \mathcal{I} -convergence with applications to matrix maps*, 279.
- Kominers, Scott Duke, see Litt, Daniel.
- Kononov, V.N., *Convex polynomial and ridge approximation of Lipschitz functions in \mathbf{R}^d* , 957.
- Kopotun, K.A., see Kononov, V.N.
- Kozuma, Rintaro, *A note on elliptic curves with a rational 3-torsion point*, 1227.
- Lachal, Aimé, *Chung's law for homogeneous Brownian functionals*, 561.
- Lee, J. Todd, see Mir, Ellen.
- Litt, Daniel, *A categorical construction of ultrafilters*, 1611.
- Liu, Ming-Sheng, see Liu, Xiao-Song.
- Liu, Sanyang, see Zhang, Guoqing.
- Liu, Xiao-Song, *Quasi-convex mappings of order α on the unit polydisk in \mathbf{C}^n* , 1619.
- Llibre, Jaume, *Limit cycles for a class of third-order differential equations*, 581.
- López, Víctor Jiménez, see Blaya, Alejo Barrio.
- Loszewski, Cleland, see DeMeyer, Lisa.
- Lu, Bin, *An algorithm to compute the Kauffman polynomial of 2-bridge knots*, 977.
- Luca, Florian, *On the Diophantine equation $x^4 - q^4 = py^3$* , 995.
- Luttman, Aaron, see Jiménez-Vargas, A.
- Lutz, D.A., see Bodine, Sigrun.
- Mahdoua, Najib, see Bennis, Driss.
- Maigorov, V.E., see Kononov, V.N.
- Malešević, Branko J., *A note about $\{K_i(z)\}_{i=1}^\infty$ functions*, 1645.
- Mao, Hua, *Some properties of base-matroids of arbitrary cardinality*, 291.
- McAlister, Erich, *Crossed products of noncommutative CW-complexes by finite groups*, 1931.
- Melara, L.A., *On the Kantorovich theorem and the regularization of total variation denoising problems*, 595.
- Mihail, Alexandru, *On the connectivity of attractors of iterated function systems*, 1949.

- Mir, Ellen, *Notes on leximorphic spaces*, 1257.
- Montano, Beniamino Cappelletti, *Some remarks on the generalized Tanaka-Webster connection of a contact metric manifold*, 1009.
- Munagi, Augustine O., *Alternating subsets and permutations*, 1965.
- Najman, Filip, *Compact representation of quadratic integers and integer points on some elliptic curves*, 1979.
- Nam, Ki-Bong, see Choi, Seul Hee.
- Ng, P.W., *Simplicity of the projective unitary group of the multiplier algebra of a simple stable nuclear C^* -algebra*, 1649.
- Nieto, Juan J., see Benchohra, Mouffak.
- Osiak, Katarzyna, *The Boolean space of \mathbf{R} -places*, 2003.
- Ouarghi, Khalid, see Bennis, Driss.
- Panaite, Florin, *L-R-Smash biproducts, double biproducts and a braided category of Yetter-Drinfeld-Long bimodules*, 2013.
- Pao, C.V., *Eigenvalue problems of a degenerate quasilinear elliptic equation*, 305.
- Partsvania, N., see Došlá, Z.
- Paul, Akhil Chandra, see Chakraborty, Sujoy.
- Payne, Tracy L., see Kerr, Megan M.
- Pečarić, J., see Hussain, Sabir.
- Pérez, V.H. Jorge, see Callejas-Bedregal, R.
- Pethő, Attila, see Bérczes, Attila.
- Pijeira Cabrera, H., *On polar Legendre polynomials*, 2025.
- Pilipović, Stevan, see Cordero, Elena.
- Poggi-Corradini, Pietro, *Pointwise convergence on the boundary in the Denjoy-Wolff theorem*, 1275.
- Prymak, A., see Ditzian, Z.
- Purdy, Erica, see DeMeyer, Lisa.
- Reams, Robert, see Johnson, Charles R.
- Rodino, Luigi, see Cordero, Elena.
- Rouhani, Behzad Djafari, *Asymptotic behavior of bounded solutions to some second order evolution systems*, 1289.
- Rovira, Carles, see Cadel, Agnese.
- Ruan, Haibo, see Fura, Justyna.
- Ruiz, Efen, see Ng, P.W.
- Sahandi, Parviz, *Minimal prime ideals and semistar operations*, 1039.
- Sakata, Mayumi, see Kauffman, Robert M.
- Samieinia, Shiva, *The number of Khalimsky-continuous functions on intervals*, 1667.
- Sasahara, Toru, *Legendre surfaces with harmonic mean curvature vector field in the unit 5-sphere*, 313.
- Scheidler, Renate, *Approximating Euler products and class number computation in algebraic function fields*, 1689.
- Sikorska-Nowak, Aneta, *The set of solutions of Volterra and Urysohn integral equations in Banach spaces*, 1313.
- Simon, Thomas, see Lachal, Aimé.
- Skalski, Adam, *On approximation properties of Pimsner algebras and crossed products by Hilbert bimodules*, 609.
- Skoug, David, see Chang, Seung Jun.
- Śliwa, Wiesław, *An explicit example concerning the invariant subspace problem for Banach spaces*, 627.
- Somer, Lawrence, see Carlip, Walter.
- Song, Renming, *Some remarks on special subordinators*, 321.

- Song, T.S., see Chang, K.S.
- Stein, Andreas, see Scheidler, Renate.
- Stein, Melanie, see Horak, Matthew.
- Strichartz, Robert S., *Transformation of spectra of graph Laplacians*, 2037.
- Struppa, Daniele C., see Gentili, Graziano.
- Tacelli, Cristian, see Campiti, Michele.
- Tao, Xiangxing, see Zhang, Songyan.
- Teofanov, Nenad, see Cordero, Elena.
- Tian, Yu, *Multiple positive solutions of second-order Sturm-Liouville boundary value problems for impulsive differential equations*, 643.
- Togbé, Alain, see Luca, Florian.
- Trapani, Camillo, see Bongiorno, Benedetto.
- Triolo, Salvatore, see Bongiorno, Benedetto.
- Tsumura, Hirofumi, *Multiple Dirichlet series interpolating Bell numbers and Stirling numbers*, 1051.
- Umezū, Kenichiro, *Blowing-up properties of the positive principal eigenvalue for indefinite Robin-type boundary conditions*, 673.
- Urbina Romero, W., see Pijeira Cabrera, H.
- Van Daele, A., see De Commer, K.
- Van Oystaeyen, Freddy, see Panaite, Florin.
- Vaserstein, Leonid N., see Gallardo, Luis H.
- Vera, J.A., *The three body problem with a rigid body: Eulerian equilibria and stability*, 695.
- Villegas-Vallecillos, Moisés, see Jiménez-Vargas, A.
- Vondraček, Zoran, see Song, Renming.
- Vukmirović, Srdjan, see Blažić, Novica.
- Waghmare, G.L., *Finite symmetric trilinear integral transform of distributions. Part III*, 339.
- Wang, Gang, see Mao, Hua.
- Weihong, Mao, see Fenghong, Lu.
- Xie, Jinjing, *More quintic surfaces with 75 lines*, 2063.
- Xue, Xiaoping, see Bu, Qingying.
- Yang, Ming, *Hausdorff dimension of the image of iterated additive processes*, 1333.
- Yoo, I., see Chang, K.S.
- Yu, Guihai, *Randić index and eigenvalues of graphs*, 713.
- Yu, Jiang, see Llibre, Jaume.
- Zacharias, Joachim, see Skalski, Adam.
- Zhang, Guoqing, *Some existence results for a class of fourth order elliptic equations with nonsmooth potential*, 1729.
- Zhang, Songyan, *Boundedness of Littlewood-Paley operators in generalized Orlicz-Campanato spaces*, 1355.
- Zhang, X.M., *Convexity of the integral arithmetic mean of a convex function*, 1061.
- Zhang, Xiang, see Llibre, Jaume.
- Zhong, Jianyuan K., see Lu, Bin.
- Ziegler, Volker, *On Thue equations of splitting type over function fields*, 723.