

VOLUME INDEX

- Abbaszadeh, Sadegh, *Jensen type inequalities and their applications via fractional integrals*, 2459.
Abdelhamid, Haydar, *Elliptic problems involving natural growth in the gradient and general absorption terms*, 1385.
Agarwal, Ravi P., *On existence and uniqueness of L_1 -solutions for quadratic integral equations via a Krasnoselskii-type fixed point theorem*, 1743.
Ahmad, Bashir, *Nonlocal initial value problems for Hadamard-type fractional differential equations and inclusions*, 1043.
Albrecht, Ulrich, *Tensor products and endomorphism rings of finite valued groups*, 703.
Alzer, Horst, *On a sine polynomial of Turán*, 1.
Ambrosio, Vincenzo, *On nonlocal fractional Laplacian problems with oscillating potentials*, 1399.
Amyari, Maryam, see Majidi, Alireza.
Aslanov, Khalig M., see Aslanova, Nigar M.
Aslanova, Nigar M., *Eigenvalue problem associated with the fourth order differential-operator equation*, 1763.
Athavale, Ameer, *Multivariable isometries related to certain convex domains*, 19.
Azarpanah, F., *On maximal ideals of $C_c(X)$ and the uniformity of its localizations*, 345.
Bagheri, Saeid, *Reduction graph and its application on algebraic graphs*, 729.
Baker Swart, Breeanne, *Fixed points of augmented generalized happy functions*, 47.
Barreto-Castañeda, Jonny Fernando, *Genus fields of abelian extensions of rational congruence function fields*, II, 2099.
Bauer, Mark, *Ramanujan-Nagell cubics*, 385.
Bayramoglu, Mamed, see Aslanova, Nigar M.
Beck, Kristen A., see Baker Swart, Breeanne.
Bennett, Michael A., see Bauer, Mark.
Bica, Ion, *Modeling rogue waves with the Kadomtsev-Petviashvili (KP) equation*, 1437.
Bonafede, S., *On the boundedness of minimizers of some integral functionals with degenerate anisotropic integrands*, 1781.
Boos, J., *Summability of subsequences of a divergent sequence by regular matrices*, 413.
Boutiche, M.A., see Srivastava, H.M.
Bueno, H., *Multiplicity of solutions for p -biharmonic problems with critical growth*, 425.
Cao, Xiaofei, *Global structure of positive solutions for problem with mean curvature operator on an annular domain*, 1799.
Cao, Xiaofei, *Uniqueness of positive solutions for a class of Schrödinger systems with saturable nonlinearity*, 1815.
Capparelli, Stefano, *Root power sums and Chebyshev polynomials*, 59.
Carnicer, J.M., *Interpolation mixing hyperbolic functions and polynomials*, 443.
Cattaneo, Andrea, *Families of Calabi-Yau elliptic fibrations in $\mathbb{P}(\mathcal{L}^a \oplus \mathcal{L}^b \oplus \mathcal{O}_B)$* , 2135.
Cebeci, Adem, see Gocen, Melih.

- Çelik, Gamze Savaş, *Elliptic curves containing sequences of consecutive cubes*, 2163.
- Chand, A.K.B., *Constrained shape preserving rational cubic fractal interpolation functions*, 75.
- Chang, Gyu Whan, *Weakly factorial property of a generalized Rees ring $D[X, d/X]$* , 2175.
- Charitos, Charalampos, *On Riemannian surfaces with conical singularities*, 1455.
- Che, Guofeng, *Infinitely many solutions of systems of Kirchhoff-type equations with general potentials*, 2187.
- Chen, Haibo, see Che, Guofeng.
- Chen, Herman Z.Q., *The real-rootedness of generalized Narayana polynomials related to the Boros-Moll polynomials*, 107.
- Cheng, Zhibo, *Periodic solution for second order damped differential equations with attractive-repulsive singularities*, 753.
- Chern, Shane, *Note on the truncated generalizations of Gauss's square exponent theorem*, 2211.
- Chojnacka, Oliwia, *Differential subordination of a harmonic mean to a linear function*, 1475.
- Chu, Wenchang, *Reciprocal relations for trigonometric sums*, 121.
- Clifford, John, *A generalization of the Bôcher-Grace theorem*, 1069.
- Clontz, Steven, *Almost compatible functions and infinite length games*, 463.
- Cohen, Ismael, *K-theory and index pairings for C^* -algebras generated by q -normal operators*, 1485.
- Cook II, David, *Lefschetz properties of balanced 3-polytopes*, 769.
- Crook, Susan, see Baker Swart, Breeanne.
- Crytser, Danny, *Continuous-trace k -graph C^* -algebras*, 1511.
- Cui, Xuewei, *Symmetry and monotonicity of solutions for equations involving the fractional Laplacian of higher order*, 485.
- Dai, Guowei, see Cao, Xiaofei.
- Darvish, V., see Taghavi, A.
- Das, P.K., see Vashisht, L.K.
- Day, Stuart, *Semigroup asymptotics, the Funk-Hecke identity and the Gegenbauer coefficients associated with the spherical Laplacian*, 791.
- Deaconu, Valentin, *Cuntz-Pimsner algebras of group representations*, 1829.
- Deepshikha, see Vashisht, L.K.
- Del Pezzo, Leandro M., *Eigenvalues for systems of fractional p -Laplacians*, 1077.
- Demir, Ali, see Özgür, Berrak.
- Ding, Yanqiao, *Welschinger invariants of blow-ups of symplectic 4-manifolds*, 1105.
- Divaani-Aazar, Kamran, *Local homology, Koszul homology and Serre classes*, 1841.
- Dongsheng, Zhao, *On topological spaces that have a bounded complete DCPO model*, 141.
- D'Onofrio, Luigi, see Ambrosio, Vincenzo.
- Dow, Alan, see Clontz, Steven.
- Du, Feifei, see Jia, Baoguo.
- Duan, Xueliang, see Wei, Gongming.
- Dube, Themba, *On quasi-normality of function rings*, 157.
- Dyer, Matthew, *On conjugacy of abstract root bases of root systems of Coxeter groups*, 2223.
- Ebadian, Ali, see Abbaszadeh, Sadegh.
- Estaremi, Yousef, *On the algebra of WCE operators*, 501.
- Eubanks-Turner, Christina, see Baker Swart, Breeanne.

- Fan, Meng, see Zhang, Chunmei.
Faridian, Hossein, see Divaani-Aazar, Kamran.
Ferdinands, Timothy, *A note on sums of roots*, 819.
Ferragut, Antoni, *Invariant curves and integrability of planar \mathcal{C}^r differential systems*, 1537.
Ferraro, Damián, *Construction of globalizations for partial actions on rings, algebras, C^* -algebras and Hilbert bimodules*, 181.
Finocchiaro, Carmelo A., *The upper Vietoris topology on the space of inverse-closed subsets of a spectral space and applications*, 1551.
Fontana, Marco, see Finocchiaro, Carmelo A.
Freeman, David M., *Generalized palindromic continued fractions*, 219.
Furuichi, Shigeru, *Some refinements of classical inequalities*, 2289.
Gao, Zhen, *Existence of solutions for a nonlocal fractional boundary value problem*, 831.
Garg, S., see Vashisht, L.K.
Ghanmi, Abdeljabbar, *Nontrivial solutions for Kirchhoff-type problems involving the $p(x)$ -Laplace operator*, 1145.
Gireesh, D.S., *Recurrence relation for computing a bipartition function*, 237.
Gocen, Melih, *On the periodic solutions of some systems of higher order difference equations*, 845.
González, Ahtziri, *Fundamental group of spaces of simple polygons*, 1871.
Grundman, Helen G., see Baker Swart, Breeanne.
Gupta, Mitu, *Numerical ranges of normal weighted composition operators on $\ell^2(\mathbb{N})$* , 1159.
Hamed, Ahmed, *The local S -class group of an integral domain*, 1585.
Han, Yuzhu, *A new blow-up criterion for non-Newton filtration equations with special medium void*, 2489.
He, Peng, *Finite atomic lattices and their monomial ideals*, 2503.
Heo, Jaeseong, α -positive/ α -negative definite functions on groups, 249.
Hernández Hernández, Jesús, *Isomorphisms between curve graphs of infinite-type surfaces are geometric*, 1887.
Hosseini, Maliheh, *Nonlinear spectral radius preservers between certain non-unital Banach function algebras*, 859.
Hsini, Mounir, *Eigenvalues of some $p(x)$ -biharmonic problems under Neumann boundary conditions*, 2543.
Hu, Jianxun, see Ding, Yanqiao.
Hu, Yingying, see Sun, Brian Y.
Irzi, Nawal, see Hsini, Mounir.
Jaddi, Mohsen, see Abbaszadeh, Sadegh.
Jarquín-Zárate, Fausto, *Genus formulas for abelian p -extensions*, 1905.
Javanshiri, Hossein, *Introverted subspaces of the duals of measure algebras*, 1171.
Jennings-Shaffer, Chris, *When fourth moments are enough*, 1917.
Ji, Shengjin, see Ma, Gang.
Jia, Baoguo, *The solution of a new Caputo-like fractional h -difference equation*, 1607.
Jonsson, Adam, *Invariant sets for QMF functions*, 2559.
Juhnke-Kubitzke, Martina, see Cook II, David.
Karamzadeh, O.A.S., see Azarpanah, F.
Kayacan, Selçuk, *Dominating sets in intersection graphs of finite groups*, 2311.
Kefi, Khaled, see Hsini, Mounir.
Kenzizi, Tarek, *The heat equation for local Dirichlet forms: Existence and blow up of nonnegative solutions*, 2573.

- Keshtkar, Z., see Azarpanah, F.
- Komal, B.S., see Gupta, Mitu.
- Krukowski, Mateusz, *Solutions for second order nonlocal BVPs via the generalized Miranda theorem*, 519.
- Kumudini Dharmadasa, H., *An identity for cocycles on coset spaces of locally compact groups*, 269.
- Kwong, Man Kam, see Alzer, Horst.
- Lachance, Michael, see Clifford, John.
- Laterveer, Robert, *On Chow groups of some hyperkähler fourfolds with a non-symplectic involution*, II, 1925.
- Lecko, Adam, see Chojnacka, Oliwia.
- Leonetti, Paolo, *On the greatest common divisor of n and the n th Fibonacci number*, 1191.
- Leonetti, Paolo, *Thinnable ideals and invariance of cluster points*, 1951.
- Li, Baode, see Qi, Chunyan.
- Lim, Jung Wook, *Nearly Krull domains and nearly Prüfer v-multiplication domains*, 1631.
- Liu, Aibo, *The Cauchy problem for the degenerate convective Cahn-Hilliard equation*, 2595.
- Liu, Changchun, see Liu, Aibo.
- Liu, Kai, see Shi, Wei.
- Liu, Xiang, see Jia, Baoguo.
- Liu, Yun, see Yuan, Baoquan.
- Liu, Zhi-Hong, see Wang, Zhi-Gang.
- Llibre, Jaume, see Ferragut, Antoni.
- Lucchini, Andrea, *The expected number of elements to generate a finite group with d -generated Sylow subgroups*, 1963.
- Luviano, J., *On vertex decomposable and Cohen-Macaulay regular graphs*, 2625.
- Lv, Jingliang, *Stochastic predator-prey model with Leslie-Gower and Holling-type II schemes with regime switching*, 1201.
- Ma, Gang, *Corrigendum to The minimum matching energy of bicyclic graphs with given girth*, 1983.
- Mahadeva Naika, M.S., see Gireesh, D.S.
- Mainar, E., see Carnicer, J.M.
- Majidi, Alireza, *Maps preserving quasi-isometries on Hilbert C^* -modules*, 1219.
- Mamani, Carlos R., *Influence of bounded states in the Neumann Laplacian in a thin waveguide*, 1993.
- Maran, Kaushik, *Some results on a class of mixed van der Waerden numbers*, 885.
- Mei, May, see Baker Swart, Breeanne.
- Mena, Darío, *Characterization of a two-parameter matrix valued BMO by commutator with the Hilbert transform*, 529.
- Meng, Qing, *Invariant means and property T of crossed products*, 905.
- Metwali, Mohamed M.A., see Agarwal, Ravi P.
- Mirzaee, Hadi, *Multiple solutions for a fractional p -Kirchhoff problem with subcritical and critical Hardy-Sobolev exponent*, 2023.
- Mitchener, Paul D., *An analytic Novikov conjecture for semigroups*, 1231.
- Molica Bisci, Giovanni, see Ambrosio, Vincenzo.
- Montelongo-Vázquez, Carlos, see Barreto-Castañeda, Jonny Fernando.
- Moradi, Hamid Reza, see Furuichi, Shigeru.
- Morales, Israel, see Hernández Hernández, Jesús.
- Moran, William, see Kumudini Dharmadasa, H.
- Moscatiello, Mariapia, see Lucchini, Andrea.

- Murai, Satoshi, see Cook II, David.
- Muthukumar, Perumal, *Weighted composition operators on the class of subordinate functions*, 2055.
- Nabaei, Fatemeh, see Bagheri, Saeid.
- Naghipour, Reza, *Asymptotic behavior of integral closures, quintasympototic primes and ideal topologies*, 551.
- Naghshinehfard, Mohammad, *On the planarity of cyclic graphs*, 913.
- Nasr-Isfahani, Rasoul, see Javanshiri, Hossein.
- Nevo, Eran, see Cook II, David.
- Ng, Chi-Keung, see Meng, Qing.
- Nouri, M., see Taghavi, A.
- Ntouyas, Sotiris K., see Ahmad, Bashir.
- Nyblom, M.A., *Counting all self-avoiding walks on a finite lattice strip of width one and two*, 573.
- Olfati, A.R., see Azarpanah, F.
- O'Neill, Christopher, *On mesoprimary decomposition of monoid congruences*, 2069.
- O'Regan, Donal, see Agarwal, Ravi P.
- Özgür, Berrak, *On the stability of two neuron populations interacting with each other*, 2337.
- Paes-Leme, L., see Bueno, H.
- Panzone, Pablo A., *On the roots of the generalized Rogers-Ramanujan function*, 2653.
- Papadoperakis, Ioannis, see Charitos, Charalampos.
- Parvaneh, Foroud, see Naghshinehfard, Mohammad.
- Pediconi, Francesco, *Chern-Dirac bundles on non-Kähler Hermitian manifolds*, 1255.
- Peña, J.M., see Carnicer, J.M.
- Pilkington, Annette, see Ferdinands, Timothy.
- Ponnusamy, Saminathan, see Muthukumar, Perumal.
- Qi, Chunyan, *New real-variable characterizations of anisotropic weak Hardy spaces of Musielak-Orlicz type*, 607.
- Rahmani, M., see Srivastava, H.M.
- Rasila, Antti, see Wang, Zhi-Gang.
- Rasulov, Tulkin H., *Spectral inclusion for unbounded diagonally dominant $n \times n$ operator matrices*, 279.
- Razeghi, M., see Taghavi, A.
- Reddy, Sai Praneeth, see Maran, Kaushik.
- Ren, Jingli, see Cheng, Zhibo.
- Ren, Shiquan, *Weighted persistent homology*, 2661.
- Reyes, E., see Luviano, J.
- Reyes-Morales, Carlos Daniel, see Barreto-Castañeda, Jonny Fernando.
- Rezaei, Rashid, see Bagheri, Saeid.
- Rodrigues, H., see Bueno, H.
- Rossi, Julio D., see Del Pezzo, Leandro M.
- Rzedowski-Calderón, Martha, see Barreto-Castañeda, Jonny Fernando.
- Rzedowski-Calderón, Martha, see Jarquín-Zárate, Fausto.
- Sadek, Mohammad, *On rational triangles via algebraic curves*, 325.
- Saikia, Anupam, see Sarma, Naba Kanta.
- Samei, Karim, see Bagheri, Saeid.
- Sanna, Carlo, see Leonetti, Paolo.
- Saoudi, Kamel, *The fibering map approach to a $p(x)$ -Laplacian equation with singular nonlinearities and nonlinear Neumann boundary conditions*, 927.
- Sarma, Naba Kanta, *Torsion of elliptic curves over imaginary quadratic fields of class number 1*, 2689.

- Sather-Wagstaff, Sean, *On the structure of S_2 -ifications of complete local rings*, 947.
Satoh, Shin, *Crossing changes, Delta moves and sharp moves on welded knots*, 967.
Schaffler, Luca, *K3 surfaces with \mathbb{Z}_2^2 symplectic action*, 2347.
Schenzel, Peter, see Naghipour, Reza.
Schleißinger, Sebastian, *On the parametric representation of univalent functions on the polydisc*, 981.
Shahata, Farida, see Sadek, Mohammad.
Sharma, Dravyansh, see Maran, Kaushik.
Shi, Wei, *Periodic solutions to nonlinear wave equations with x -dependent coefficients at resonance*, 1291.
Shi, Zhongrui, *Uniformly non-square points and representation of functionals of Orlicz-Bochner sequence spaces*, 639.
Skinner, Dane R., see Jennings-Shaffer, Chris.
Song, Weijie, see Cui, Xuewei.
Soydan, Gökhan, see Çelik, Gamze Savaş.
Spirito, Dario, see Finocchiaro, Carmelo A.
Spiroff, Sandra, see Sather-Wagstaff, Sean.
Srivastava, H.M., *A class of Frobenius-type Eulerian polynomials*, 1003.
Sun, Brian Y., *A probabilistic method for the number of standard immaculate tableaux*, 2087.
Sun, Yong, see Wang, Zhi-Gang.
Szymbańska-Dębowska, Katarzyna, see Krukowski, Mateusz.
Taghavi, A., *Non-linear λ -Jordan triple $*$ -derivation on prime $*$ -algebras*, 2705.
Taheri, Ali, see Day, Stuart.
Tanko, Zsolt, *Cyclicity of the left regular representation of a locally compact group*, 1015.
Tousi, Massoud, see Divaani-Aazar, Kamran.
Tretter, Christiane, see Rasulov, Tulkin H.
Tripathi, Amitabha, see Maran, Kaushik.
Tsapogas, Georgios, see Charitos, Charalampos.
Tyada, K.R., see Chand, A.K.B.
Valdez, Ferrán, see Hernández Hernández, Jesús.
Vashisht, L.K., *On generalized weaving frames in Hilbert spaces*, 661.
Verri, Alessandra A., see Mamani, Carlos R.
Villa-Salvador, Gabriel, see Barreto-Castañeda, Jonny Fernando.
Villa-Salvador, Gabriel, see Jarquín-Zárate, Fausto.
Wagner, Elmar, see Cohen, Ismael.
Wang, Biao, *Asymptotic behavior of positive solutions of the Hénon equation*, 2717.
Wang, Jianfeng, see Ma, Gang.
Wang, Jun, see Cao, Xiaofei.
Wang, Ke, see Lv, Jingliang.
Wang, Mei, see Jia, Baoguo.
Wang, Min, see Gao, Zhen.
Wang, Qingyun, *The tracial Rokhlin property for actions of amenable groups on C^* -algebras*, 1307.
Wang, Xue-ping, see He, Peng.
Wang, Yu, see Shi, Zhongrui.
Wang, Zhi-Gang, *On a problem of Bharanedhar and Ponnusamy involving planar harmonic mappings*, 1345.
Wayne K., Randy, see Bica, Ion.
Waymire, Edward C., see Jennings-Shaffer, Chris.

- Wei, Gongming, *On the existence of ground states of nonlinear fractional Schrödinger systems with close-to-periodic potentials*, 1647.
- Willis, G.A., *Homological properties of the algebra of compact operators on a Banach space*, 687.
- Wu, Chengyuan, see Ren, Shiquan.
- Wu, Jie, see Ren, Shiquan.
- Xiaoyong, Xi, see Dongsheng, Zhao.
- Xu, Junxiang, see Cao, Xiaofei.
- Xu, Shihe, *Global asymptotic stability of positive steady states of a solid avascular tumor growth model with time delays*, 1685.
- Xu, Xu, *Orthogonal rational functions on the extended real line and analytic on the upper half plane*, 1019.
- Yang, Arthur L.B., see Chen, Herman Z.Q.
- Yeager, Aaron, *Zeros of random orthogonal polynomials with complex Gaussian coefficients*, 2385.
- Yener, Abdullah, *General weighted Hardy-type inequalities related to Greiner operators*, 2405.
- Yi, Inhyeop, *Smale spaces from self-similar graph actions*, 1359.
- Yuan, Baoquan, *Global existence and decay rate of strong solution to incompressible Oldroyd type model equations*, 1703.
- Zack, Laurie, see Baker Swart, Breeanne.
- Zeltser, M., see Boos, J.
- Zhang, Chunmei, *Existence and roughness of nonuniform (h, k, μ, ν) -trichotomy for nonautonomous differential equations*, 2751.
- Zhang, Fangwei, see Xu, Shihe.
- Zhang, Fubao, see Cao, Xiaofei.
- Zhang, Hui, see Qi, Chunyan.
- Zhang, Jimin, see Zhang, Chunmei.
- Zhang, Junjie, *Optimal Morrey estimate for parabolic equations in divergence form via Green's functions*, 2431.
- Zhang, Ning, see Cao, Xiaofei.
- Zhang, Philip B., see Chen, Herman Z.Q.
- Zhang, Yanyan, *Viscous limits for a Riemannian problem to a class of systems of conservation laws*, 1721.
- Zhang, Yu, see Zhang, Yanyan.
- Zhang, Zhengce, see Wang, Biao.
- Zhang, Zujin, *Remarks on regularity criteria for the 2D generalized MHD system in Besov spaces*, 2785.
- Zhao, Feng-Zhen, *The log-convexity of r -derangement numbers*, 1031.
- Zheng, Shenzhou, see Zhang, Junjie.
- Zhu, Laiyi, see Xu, Xu.