## VOLUME INDEX

Albrecht, Ulrich, Abelian groups with self-injective quasi-endomorphism rings, 1.
Aliev, Ilham A., Parabolic wavelet transforms and Lebesgue spaces of parabolic potentials, 391.
Al-Musallam, F., A multi-index Borel-Dzrbashjan transform, 409.
Andrews, G., Some $q$-orthogonal polynomials and related Hankel determinants, 429.
Annaby, M.H., On sampling associated with Sturm-Liouville eigenvalue problems: The limit-cycle case, 443.
Aptekarev, A.I., Orthogonal polynomials with respect to a differential operator. Existence and uniqueness, 467.
Arnold, David M., International conferences on abelian group thory: The first forty years, 1153.
Arnold, David M., Preface, conference speakers and conference participants, 1057.
Bazunova, N., Algebra of differential forms with exterior differential $d^{3}=0$ in dimensions one and two, 483.
Beckers, J., From non-Hermitian oscillator-like operators to Freud polynomials and some consequences, 499.
Berg, Christian, Pick functions related to the gamma function, 507.
Berrut, Jean-Paul, Linear rational interpolation and its application in approximation and boundary value problems, 527.
Birkenmeier, Gary F., Generalized triangular matrix rings and the fully invariant extending property, 1299.
Bounias, Michel, see Liu, Zeqing.
Bricher, Stephen, Total versus single point blow-up for a nonlocal gaseous ignition model, 25.
Bulirsch, R., see Reinsch, K.-D.
Bustoz, J., Preface to special issue on special functions, 389.
Butzer, P.L., see Annaby, M.H.
zu Castell, Wolfgang, Dirichlet splines as fractional integrals of $B$-splines, 545.
Charatonik, Włodzimierz J., On size mappings, 45.
Chen, Janet, The stable set of associated primes of the ideal of a graph, 71.
Choudhry, Ajai, On the solvability of two simultaneous symmetric cubic diophantine equations with applications to sextic diophantine equations, 91.
Chu, Wenchang, Inversion techniques and combinatorial identities: Balanced hypergeometric series, 561.
Cima, Joseph A., Weakly compact composition operators on VMO, 937.
Ciucu, M. A non-automatic (!) application of Gosper's algorithm evaluates a determinant from tiling enumeration, 589.
Cohen, Paul, The discovery of forcing, 1071.
Connett, William C., Partial differential equations satisfied by polynomials which have a product formula, 607.
Cremona, J.E., On the computation of Mordell-Weil and 2-Selmer groups of elliptic curves, 953.
Dauns, John, Pure projectives and injectives, 1321.
Deberg, N., see Beckers, J.
de Grande-de Kimpe, N. The extension of p-adic compact operators, 105.
van Diejen, J.F., Elliptic beta integrals and modular hypergeometric sums: An overview, 639.

Dikranjan, Dikran, A class of abelian groups defined by continuous cross sections in the Bohr topology, 1331.
Dittmann, Ulrich, Tight subgroups of almost completely decomposable groups, 1357.
Dugas, Manfred, Completely decomposable abelian groups with a distinguished CD subgroup, 1383.
Dugas, Manfred, $M$-free abelian groups, 1367.
Eklof, Paul C., The affinity of set theory and abelian group theory, 1119.
Ewell, John A., Further consequences of a sextuple product identity, 123.
Feigelstock, Shalom, see Dugas, Manfred.
Fomin, Alexander A., Abelian groups in Russia, 1161.
Fuchs, Laszlo, Abelian groups in Hungary, 1181.
Gadjiev, A.D., Some approximation theorems via statistical convergence, 129.
Göbel, Rüdiger, Remarks about the history of abelian groups in England and
Germany, 1197.
Göbel, Rüdiger, Strictly nonzero charges, 1397.
Goeters, Pat, The Krull-Schmidt property for ideals and modules over integral domains, 1409.
Goldsmith, B., On torsion and mixed minimal abelian groups, 1451.
Goldsmith, B., On unit sum numbers of rational groups, 1431.
Gwoździewicz, Janusz, On the singularities at infinity of plane algebraic curves, 139.
Hausen, Jutta, see Dugas, Manfred.
Helenius, Ola, On Kervaire and Murthy's conjecture, 1467.
Hill, Paul, The development of the theory of p-groups, 1135.
Hilton, Peter, The birth of homological algebra, 1101.
Hjorth, Greg, Measuring the classification difficulty of countable torsion-free abelian groups, 1267.
Ismail, M.E.H., see Bustoz, J.
Ismail, Mourad E.H., A fourth order q-difference equation for associated discrete q-orthogonal polynomials, 679.
Ismail, Mourad E.H., An inverse to the Askey-Wilson operator, 657.
Ivanov, George, A characterization of $F G C$ rings, 1485.
Kaneko, Masanobu, When is a polygonal pyramid number again polygonal?, 149.
Kang, Shin Min, see Liu, Zeqing.
Kasch, Friedrich, Locally injective modules and locally projective modules, 1493.
Kim, Mihi, Volterra inclusions in Banach spaces, 167.
Kim, Yong Chang, Growth and coefficient estimates for uniformly locally univalent functions on the unit disk, 179.
Kimberling, Clark, Enumerative triangle geometry, Part 1: The primary system, S, 201.

Kirillov, Anatol N., Generalized Umemura polynomials, 691.
Kiryakova, V., see Al-Musallam, F.
Koelink, Erik, Transmutation kernels for the little q-Jacobi function transform, 703.
Kohaupt, L., Numerical operational calculus for matrices with applications to mechanical and mathematical problems, 227.
Korchagin, Anatoly B., The isotopy classification of affine quartic curves, 255.
Krattenthaler, C., see Ciucu, M.
Kwon, K.H., see Lee, J.H.
Lagomasino, G.T.L., see Aptekarev, A.I.
Lee, J.H., Division problem of moment functionals, 739.
Li, Ming-Chia, Normal hyperbolicity for flows and numerical methods, 349.
Liflyand, E., On linear means of multiple Fourier integrals defined by special domains, 969.

Liu, Zeqing, Iterative approximation of solutions to nonlinear equations of $\phi$ strongly accretive operators in Banach spaces, 981.
Mader, A., Sharp types revisited, 1505.
Mader, Adolf, see Arnold, David M.
Marcellán, F., see Aptekarev, A.I.
Matheson, Alec L., see Cima, Joseph A.
Meehan, C., see Goldsmith, B.
Megibben, Charles, Isotype Warfield subgroups of global Warfield groups, 1523.
Milne, Stephen C., A new $A_{n}$ extension of Ramanujan's ${ }_{1} \phi_{1}$ summation with applications to multilateral $A_{n}$ series, 759.
Mittelmann, Hans D., see Berrut, Jean-Paul.
Morey, Susan, see Chen, Janet.
Morris, Jerry, The Hausdorff dimension of the nondifferentiability set of a nonsymmetric cantor function, 357.
Nahler, Michael, Isomorphism classes of uniform groups, 1543.
Nakhman, A., see Liflyand, E.
Nishizawa, Michitomo, Multiple gamma function, its $q$ and elliptic analogue, 793.
Nongxa, L.G., see Mader, A.
Nyblom, M.A., Congruences for the coefficients within a generalized factorial polynomial, 371.
Ó hÓgáin, S., see Goldsmith, B., 1451.
Okoh, Frank, Commutative endomorphism algebras of torsion-free, rank-two Kronecker modules with singular height functions, 1559.
Okuyama, Takashi, Quasi-purifiable subgroups and height-matrices, 1577.
Olberding, Bruce A geometric setting for some properties of torsion-free modules, 1281.

Olberding, Bruce, see Goeters, Pat.
Orhan, C., see Gadjiev, A.D.
Overholt, Marius, Fluctuation of sectional curvature for closed hypersurfaces, 385.
Parhi, N., Sufficient conditions for oscillation of linear second order matrix differential systems, 999.
Park, Jae Keol, see Birkenmeier, Gary F.
Park, Sung-Ho, Sphere-foliated minimal and constant mean curvature hypersurfaces in space forms and Lorentz-Minkowski space, 1019.
Pedersen, Henrik L., see Berg, Christian.
Perez-Garcia, C., see de Grande-de Kimpe, N.
Płoski, Arkadiusz, see Gwoździewicz, Janusz.
Praharaj, P., see Parhi, N.
Puschmann, U., see Reinsch, K.-D.
Rahman, Mizan, see Ismail, Mourad E.H., 657.
Rangaswamy, K.M., see Dugas, Manfred.
Rao, K.P.S. Bhaskara, see Göbel, Rüdiger.
Reid, J.D., Mid-century in Seattle, 1219.
Reid, J.D., On endomorphism rings of free modules, 1597.
Reinsch, K.-D., Numerical calculations of the generalized sine and cosine integral, 813.

Richman, Fred, Pre-abelian clan categories, 1605.
Rizvi, S. Tariq, see Birkenmeier, Gary F.
Rodríguez-Palacios, A., Continuity of homomorphisms and derivations on normed algebras which are tensor products of algebras with involution, 1045.
Rosengren, Hjalmar, see Koelink, Erik.

Rubin, Boris, see Aliev, Ilham A.
Salce, Luigi, Abelian group theory in Italy, 1229.
Samulewicz, Alicja, see Charatonik, Włodzimierz J.
Schlosser, Michael, see Milne, Stephen C.
Schwartz, Alan L., see Connett, William C.
Shelah, Saharon, Cotorsion theories cogenerated by $\aleph_{1}$-free abelian groups, 1617.
Simeonov, Plamen, see Ismail, Mourad E.H., 679.
Simson, Daniel, Chain categories of modules and subprojective representations of posets over uniserial algebras, 1627.
Simson, Daniel, Jerzy Łoś and a history of abelian groups in Poland, 1245.
Spiridonov, V.P., see van Diejen, J.F.
Stolin, Alexander, see Helenius, Ola.
Strüngmann, Lutz, see Shelah, Saharon.
Sugawa, Toshiyuki, see Kim, Yong Chang.
Sung, Anne, see Chen, Janet.
Suslov, S.K., see Bustoz, J.
Tachibana, Katsuichi, see Kaneko, Masanobu.
Taneda, Makoto, see Kirillov, Anatol N.
Terwilliger, Paul, Leonard pairs from 24 points of view, 827.
Triméche, Khalifa, Inversion of the Dunkl intertwining operator, and its dual using Dunkl wavelets, 889.
Tuan, V. Kim, see Al-Musallam, F.
Ullery, William, see Megibben, Charles.
Vámos, Peter, see Ivanov, George.
Velasco, M.V., see Rodríguez-Palacios, A.
Vidunas, Raimundas, A generalization of Kummer's identity, 919.
Vinsonhaler, C., see Mader, A.
Walker, Elbert A., Abelian groups at New Mexico State University, 1257.
Wallutis, S.L., see Goldsmith, B.
Weinberg, David A., see Korchagin, Anatoly B.
Wimp, J., see Andrews, G.
Yousif, Mohamed F., Semiregular, semiperfect and perfect rings relative to an ideal, 1651.

Zanardo, Paolo, u-independence and quadratic u-independence in the construction of indecomposable finitely generated modules, 1673.
Zhou, Yiqiang, see Yousif, Mohamed F.
Zorzitto, Frank, see Okoh, Frank.

