

Publications Citing the Work of Sheldon Axler

- A. Abdollahi and K. Seggidhi, Finite codimensional invariant subspaces of Banach spaces of analytic functions, *Rocky Mountain Journal of Mathematics* 29 (1999), 369–381.
- Gregory T. Adams, *The Bergman Bilateral Shift*, PhD thesis, Indiana University, 1984.
- Gregory T. Adams, The bilateral Bergman shift, *Memoirs of the American Mathematical Society* 63 (1986), no. 355.
- V. M. Adamyan, D. Z. Arov, and M. G. Krein, Approximation of bounded functions by elements of $H^\infty + C$, *Linear and Complex Analysis Problem Book*, Springer Lecture Notes in Mathematics, 1984, 254–258.
- Patrick Ahern, On the range of the Berezin transform, *Journal of Functional Analysis* 215 (2004), 206–216.
- Patrick Ahern and Željko Čučković, A theorem of Brown-Halmos type for Bergman space Toeplitz operators, *Journal of Functional Analysis* 187 (2001), 200–210.
- Patrick Ahern and Željko Čučković, Products of Toeplitz operators on the Bergman space, *Illinois Journal of Mathematics* 45 (2001), 113–121.
- Patrick Ahern, Manuel Flores, and Walter Rudin, An invariant volume-mean-value-property, *Journal of Functional Analysis* 111 (1993), 380–397.
- Hedi Ajmi, *Harmonic Bloch Functions on the Upper Half Space*, PhD thesis, Michigan State University, 1992.
- M. P. Aldred and D. H. Armitage, Bounds for the terms in a harmonic polynomial expansion, *Mathematical Proceedings of the Cambridge Philosophical Society* 123 (1998), 325–327.
- M. P. Aldred and D. H. Armitage, Harmonic analogues of G. R. MacLane's universal functions, *Journal of the London Mathematical Society* 57 (1998), 148–156.
- M. P. Aldred and D. H. Armitage, Inequalities for derivatives of functions in harmonic Hardy spaces, *Journal of Mathematical Analysis and Applications* 253 (2001), 651–670.
- Juan A. Aledo, Antonio Martínez, and Francisco Milán, Non-removable singularities of a fourth-order nonlinear partial differential equation, *Journal of Differential Equations* 247 (2009), 331–343.
- Alexandru Aleman, Finite codimensional invariant subspaces in Hilbert spaces of analytic functions, *Journal of Functional Analysis* 119 (1994), 1–18.
- Alexandru Aleman, Invariant subspaces with finite codimension in Bergman spaces, *Transactions of the American Mathematical Society* 330 (1992), 531–544.
- Alexandru Aleman, Subnormal operators with compact selfcommutator, *Manuscripta Mathematica* 91 (1996), 353–367.

- Alexandru Aleman, Stefan Richter, and William T. Ross, Bergman spaces on disconnected domains, *Canadian Journal of Mathematics* 48 (1996), 225–243.
- Alexandru Aleman, Stefan Richter, and William T. Ross, Pseudocontinuations and the backward shift, *Indiana University Mathematics Journal* 47 (1998), 223–276.
- H. Alexander, On the volumes of the images of holomorphic mappings in C^n , *Proceedings of the American Mathematical Society* 98 (1986), 461–466.
- Daniel Alpay and H. Turgay Kaptanoğlu, Toeplitz operators on Arveson and Dirichlet spaces, *Integral Equations and Operator Theory* 58 (2007), 1–33.
- Josefina Alvarez, Martha Guzmán-Partida, and Salvador Pérez-Esteva, Harmonic extensions of distributions, *Mathematische Nachrichten* 280 (2007), 1443–1466.
- Ariel Amir, *Thinking Probabilistically: Stochastic Processes, Disordered Systems, and Their Applications*, Cambridge University Press, 2021.
- Heng Bin An and Ren Yi Jian, Slant Toeplitz operators on Bergman spaces, *Acta Mathematica Sinica. Chinese Series* 47 (2004), 103–110.
- Jong Soo An, A criterion of essentially commuting Toeplitz operators on Bergman space, *Chinese Annals of Mathematics* 20 (1999), 317–324.
- V. Anandam, Polysubharmonic functions near infinity in \mathcal{R}^n , *Potential Analysis* 22 (2005), 183–194.
- N. Anghel, On the spectrum of spherical Dirac-type operators, *Rocky Mountain Journal of Mathematics* 43 (2013), 1825–1856.
- Moncef Aouadi and Taoufik Moulahi, Approximate controllability of abstract nonsimple thermoelastic problem, *Evolution Equations and Control Theory* 4 (2015), 373–389.
- Jonathan Arazy, Boundedness and compactness of generalized Hankel operators on bounded symmetric domains, *Journal of Functional Analysis* 137 (1996), 97–151.
- Jonathan Arazy, Membership of Hankel operators on planar domains in unitary ideals, *Analysis at Urbana*, Volume I, London Mathematical Society Lecture Notes 137, 1989, 1–40.
- Jonathan Arazy, Stephen D. Fisher, and Jaak Peetre, Hankel operators on planar domains, *Constructive Approximation* 6 (1990), 113–138.
- J. Arazy, S. D. Fisher, and J. Peetre, Hankel operators on weighted Bergman spaces, *American Journal of Mathematics* 110 (1988), 989–1053.
- Jonathan Arazy, Stephen D. Fisher, Svante Janson, and Jaak Peetre, An identity for reproducing kernels in a planar domain and Hilbert-Schmidt Hankel operators, *Journal für die Reine und Angewandte Mathematik* 406 (1990), 179–199.
- Jonathan Arazy, Stephen D. Fisher, Svante Janson, and Jaak Peetre, Membership of Hankel operators on the ball in unitary ideals, *Journal of the London Mathematical Society* 43 (1991), 485–508.
- Nicola Arcozzi, Richard Rochberg, Eric T. Sawyer, and Brett D. Wick, *The Dirichlet Space and Related Function Spaces*, American Mathematical Society, 2019.

- D. H. Armitage, The Pompeiu property on the sphere, *New Zealand Journal of Mathematics* 29 (2000), 11–18.
- José Luis Arregui and Oscar Blasco, Bergman and Bloch spaces of vector-valued functions, *Mathematische Nachrichten* 261/262 (2003), 3–22.
- Miloš Arsenović, Vladimir Božin, and Vesna Manojlović, Moduli of continuity of harmonic quasiregular mappings in B^n , *Potential Analysis* 34 (2011), 283–291.
- Miloš Arsenović, Vesna Kojić, and Miodrag Mateljević, On Lipschitz continuity of harmonic quasiregular maps on the unit ball in \mathbf{R}^n , *Annales Academiæ Scientiarum Fennicæ* 33 (2008), 315–318.
- Miloš Arsenović, Vesna Manojlović, and Miodrag Mateljević, Lipschitz-type spaces and harmonic mappings in the space, *Annales Academiæ Scientiarum Fennicæ* 35 (2010), 379–387.
- William Arveson, *A Short Course on Spectral Theory*, Springer, 2002.
- Mark S. Ashbaugh and Lotfi Hermi, On extending the inequalities of Payne, Pólya, and Weinberger using spherical harmonics, *Rocky Mountain Journal of Mathematics* 38 (2008), 1037–1072.
- Kari Astala and Hans-Olav Tylli, On the bounded compact approximation property and measures of noncompactness, *Journal of Functional Analysis* 70 (1987), 388–401.
- Bilal Atfeh, Laurent Baratchart, Juliette Leblond, and Jonathan R. Partington, Bounded extremal and Cauchy-Laplace problems on the sphere and shell, *Journal of Fourier Analysis and Applications* 16 (2010), 177–203.
- K. R. M. Attele, Analytic multipliers of Bergman spaces, *Michigan Mathematical Journal* 31 (1984), 307–319.
- K. R. M. Attele, Interpolating sequences for the derivatives of Bloch functions, *Glasgow Mathematical Journal* 34 (1992), 35–41.
- Kapila Rohan Attele, *Multipliers of Bergman Spaces*, PhD thesis, Michigan State University, 1983.
- Rohan Attele, Toeplitz and Hankel operators on the Bergman one space, *Hokkaido Mathematical Journal* 21 (1992), 279–293.
- Rubén Alejandro Martínez Avendaño, *Hankel Operators and Generalizations*, PhD thesis, University of Toronto, 2000.
- Aydin Aytuna and Vyacheslav Zakharyuta, On Lelong-Bremermann lemma, *Proceedings of the American Mathematical Society* 136 (2008), 1733–1742.
- Athanassia Bacharoglou and George Stamatiou, Universal harmonic functions on the hyperbolic space, *Colloquium Mathematicum* 121 (2010), 93–105.
- Matthew Badger, Flat points in zero sets of harmonic polynomials and harmonic measure from two sides, *Journal of the London Mathematical Society* 87 (2013), 111–137.

- Salah Badraoui, Approximate controllability of a reaction-diffusion system with a cross-diffusion matrix and fractional derivatives on bounded domains, *Boundary Value Problems* 2010, 281238.
- Ibtesam Bajunaid, Joel M. Cohen, Flavia Colonna, and David Singman, A Riesz decomposition theorem on harmonic spaces without positive potentials, *Hiroshima Mathematical Journal* 38 (2008), 37–50.
- Ibtesam O. Bajunaid, Joel M. Cohen, Flavia Colonna, and David Singman, Biharmonic extensions on trees without positive potentials, *Journal of Mathematical Analysis and Applications* 378 (2011), 710–722.
- John A. Baker, Integration over spheres and the divergence theorem for balls, *American Mathematical Monthly* 104 (1997), 36–47.
- John A. Baker, The Dirichlet problem for ellipsoids, *American Mathematical Monthly* 106 (1997), 829–834.
- J. E. Ball, L. M. Bruce, and N. H. Younan, Hyperspectral pixel unmixing via spectral band selection and DC-insensitive singular value decomposition, *IEEE Geoscience and Remote Sensing Letters* 4 (2007), 382–386.
- J. E. Ball, L. M. Bruce, and N. H. Younan, Adaptive hyperspectral pixel unmixing using best bands analysis and DC insensitive singular value decomposition, *Geoscience and Remote Sensing Symposium, IEEE* 6 (2005), 4299–4303.
- Oscar F. Bandtlow and Cho-Ho Chu, Eigenvalue decay of operators on harmonic function spaces, *Bulletin of the London Mathematical Society* 41 (2009), 903–915.
- H. Bang and E. Odell, On the best compact approximation problem for operators between L_p -spaces, *Journal of Approximation Theory* 51 (1987), 274–287.
- Lehel Banjai and Volker Gruhne, Efficient long-time computations of time-domain boundary integrals for 2D and dissipative wave equation, *Journal of Computational and Applied Mathematics* 235 (2011), 4207–4220.
- Ankit Bansal, Vikas Chhabra, Ravindra K. Rawal, and Simant Sharma, Chemometrics: A new scenario in herbal drug standardization, *Journal of Pharmaceutical Analysis* 4 (2014), 223–233.
- L. Baratchart, J. Leblond, and J.-P. Marmorat, Inverse source problem in a 3D ball from best meromorphic approximation on 2D slices, *Electronic Transactions on Numerical Analysis* 25 (2006), 41–53.
- J. A. Barceló, M. Folch-Gabayet, S. Pérez-Esteva, and A. Ruiz, Toeplitz operators on Herglotz wave functions, *Journal of Mathematical Analysis and Applications* 358 (2009), 364–379.
- D. Barcenas, S.-N. Chow, H. Leiva, and A. Tineo Moya, Skew-product semi-flows and non-autonomous control systems, *Journal of Mathematical Analysis and Applications* 381 (2011), 247–262.
- Wolfram Bauer, Hilbert-Schmidt Hankel operators on the Segal-Bargmann space, *Proceedings of the American Mathematical Society* 132 (2004), 2989–2996.

- W. Bauer, L. A. Coburn, and J. Isralowitz, Heat flow, BMO, and the compactness of Toeplitz operators, *Journal of Functional Analysis* 259 (2010), 57–78.
- Wolfram Bauer and Kenro Furutani, Compact operators and the pluriharmonic Berezin transform, *International Journal of Mathematics* 19 (2008), 645–669.
- Wolfram Bauer and Kenro Furutani, Hilbert-Schmidt Hankel operators and Berezin iteration, *Tokyo Journal of Mathematics* 31 (2008), 293–319.
- Wolfram Bauer Young Joo Lee, Commuting Toeplitz operators on the Segal-Bargmann space, *Journal of Functional Analysis* 260 (2011), 460–489.
- F. Bayart, K.-G. Grosse-Erdmann, V. Nestoridis, and C. Papadimitropoulos, Abstract theory of universal series and applications, *Proceedings of the London Mathematical Society* 96 (2008), 417–463.
- Frédéric Bayart and Yanick Heurteaux, Boundary multifractal behaviour for harmonic functions in the ball, *Potential Analysis* 38 (2013), 499–514.
- H. S. Bear and Wayne Smith, A tale of two conformally invariant metrics, *Journal of Mathematical Analysis and Applications* 318 (2006) 498–506.
- Frank Beatrous and Song-Ying Li, On the boundedness and compactness of operators of Hankel type, *Journal of Functional Analysis* 111 (1993), 350–379.
- Bernard Beauzamy, *Introduction to Operator Theory and Invariant Subspaces*, North-Holland, 1988.
- D. Békollé, C. A. Berger, L. A. Coburn, and K. H. Zhu, *BMO* in the Bergman metric on bounded symmetric domains, *Journal of Functional Analysis* 93 (1990), 310–350.
- Ohad Ben-Shahar and Steven W. Zucker, The perceptual organization of texture flow: A contextual inference approach, *IEEE Transactions on Pattern Analysis and Machine Intelligence* 25 (2003), 401–417.
- Barousseau Benoit, On the spectrum of Toeplitz operators with quasi-homogeneous symbols, *Operators and Matrices* 4 (2010), 365–383.
- Y. Benyamin and P. K. Lin, An operator on L_p without best compact approximation, *Israel Journal of Mathematics* 51 (1985), 298–304.
- Hari Bercovici, A question on invariant subspaces of Bergman spaces, *Proceedings of the American Mathematical Society* 103 (1988), 759–760.
- Y. P. Bergamo and C. G. Lopes, Scalar field estimation using adaptive networks, *2012 IEEE Conference on Acoustics, Speech and Signal Processing*, 2012, 3565–3568.
- Arno Berger and Theodore P. Hill, Newton’s method obeys Benford’s law, *American Mathematical Monthly* 114 (2007), 588–601.
- C. A. Berger, L. A. Coburn, and K. H. Zhu, Function theory on Cartan domains and the Berezin-Toeplitz symbol calculus, *American Journal of Mathematics* 110 (1988), 921–953.

- L. Bernal-González, M. C. Calderón-Moreno, and W. Luh, Dense-lineability of sets of Birkhoff-universal functions with rapid decay, *Journal of Mathematical Analysis and Applications* 363 (2010), 327–335.
- L. Bernal-González, M. C. Calderón-Moreno, and J. A. Prado-Bassas, Cyclicity of coefficient multipliers: linear structure, *Acta Mathematica Hungarica* 114 (2007), 287–300.
- L. Bernal-González and J. A. Prado-Tendero, Supercyclic sequences of differential operators, *Acta Mathematica Hungarica* 107 (2005), 89–108.
- Alain Bernard, John B. Garnett, and Donald E. Marshall, Algebras generated by inner functions, *Journal of Functional Analysis* 25 (1977), 275–285.
- S. Bernstein, K. Gürlebeck, and L. F. Reséndis O., Dirichlet and Hardy spaces of harmonic and monogenic functions, *Zeitschrift für Analysis und ihre Anwendungen* 24 (2005), 763–789.
- Lucio R. Berrone, On a conjecture relative to the maxima of harmonic functions on convex domains, *SIAM Journal on Mathematical Analysis* 30 (1999), 1185–1207.
- L. R. Berrone, On a conjecture relative to the maximum of harmonic functions on convex domains: unbounded domains, *Portugaliae Mathematica* 55 (1998), 307–321.
- Hermine Biermé, Injectivity of rotation invariant windowed Radon transforms, *Journal of Mathematical Analysis and Applications* 316 (2006), 383–396.
- Christopher J. Bishop, A distance formula for algebras on the disk, *Pacific Journal of Mathematics* 174 (1996), 1–27.
- Christopher J. Bishop, Approximating continuous functions by holomorphic and harmonic functions, *Transactions of the American Mathematical Society* 311 (1989), 781–811.
- Christopher J. Bishop, Bounded functions in the little Bloch space, *Pacific Journal of Mathematics* 142 (1990), 209–225.
- Christopher J. Bishop, Some characterizations of $C(\mathcal{M})$, *Proceedings of the American Mathematical Society* 124 (1996), 2695–2701.
- Anders Björn, Weak barriers in nonlinear potential theory, *Potential Analysis* 27 (2007), 381–387.
- O. Blasco, A. Bonilla, and K.-G. Grosse-Erdmann, Rate of growth of frequently hypercyclic functions, *Proceedings of the Edinburgh Mathematical Society* 53 (2010), 39–59.
- Reinhard Blutner and Peter beim Graben, Quantum cognition and bounded rationality, *Synthese* 193 (2016), 3239–3291.
- Harold P. Boas and Emil J. Straube, Integral inequalities of Hardy and Poincaré type, *Proceedings of the American Mathematical Society* 103 (1988), 172–176.
- Bjarte Bøe, Interpolating sequences for Besov spaces, *Journal of Functional Analysis* 192 (2002), 319–341.
- Bjarte Bøe and Artur Nicolau, Interpolation by functions in the Bloch space, *Journal d'Analyse Mathématique* 94 (2004), 171–194.

- K. Bogdan and T. Źak, On Kelvin transformation, *Journal of Theoretical Probability* 19 (2006), 89–120.
- Jan Boman, Svante Janson, and Jaak Peetre, Big Hankel operators of higher weight, *Rendiconti del Circolo Matematico di Palermo* 38 (1989), 65–78.
- José Bonet and Jari Taskinen, Toeplitz operators on the space of analytic functions with logarithmic growth, *Journal of Mathematical Analysis and Applications* 353 (2009), 428–435.
- Andrea Bonfiglioli and Ermanno Lanconelli, Dirichlet problem with L^p -boundary data in contractible domains of Carnot groups, *Annali della Scuola Normale Superiore di Pisa* 5 (2006), 579–610.
- Andrea Bonfiglioli and Ermanno Lanconelli, Gauge functions, eikonal equations and Bôcher's theorem on stratified Lie groups, *Calculus of Variations and Partial Differential Equations* 30 (2007), 277–291.
- A. Bonilla, “Counterexamples” to the harmonic Liouville theorem and harmonic functions with zero nontangential limits, *Colloquium Mathematicum* 83 (2000), 155–160.
- A. Bonilla, F. Pérez-González, and R. Trujillo-González, Mergelyan sets for classes of harmonic functions, *Complex Variables Theory and Application* 31 (1996), 9–18.
- F. F. Bonsall, Hankel operators on the Bergman space for the disc, *Journal of the London Mathematical Society* 33 (1986), 355–364.
- Folkmar Bornemann, On the numerical evaluation of Fredholm determinants, *Mathematics of Computation* 79 (2010), 871–915.
- A. Böttcher, Scalar Toeplitz operators, distance estimates, and localization over subalgebras of $C + H^\infty$, *Operator Equations and Numerical Analysis 1985/86*, Akademie der Wissenschaften der DDR, Karl-Weierstrass-Institut für Mathematik, 1986, 1–17.
- Albrecht Böttcher, Toeplitz operators on the disk with locally sectorial symbols, *Rocky Mountain Journal of Mathematics* 23 (1993), 803–816.
- Albrecht Böttcher, Transient behavior of powers and exponentials of large Toeplitz matrices, *Electronic Transactions on Numerical Analysis* 18 (2004), 1–41.
- Albrecht Böttcher and Bernd Silbermann, *Analysis of Toeplitz Operators*, Akademie, 1989.
- A. Böttcher and B. Silbermann, *Invertibility and Asymptotics of Toeplitz Matrices*, Akademie, 1983.
- Albrecht Böttcher and Bernd Silbermann, *Introduction to Large Truncated Toeplitz Matrices*, Springer, 1999.
- Albrecht Böttcher and Hartmut Wolf, Asymptotic invertibility of Bergman and Bargmann space Toeplitz operators, *Asymptotic Analysis* 8 (1994), 15–33.
- Albrecht Böttcher and Hartmut Wolf, Finite sections of Segal-Bargman space Toeplitz operators with polyradially continuous symbols, *Bulletin of the American Mathematical Society* 25 (1991), 365–372.

- Karim Boulabiar and Gerard Buskes, After the determinants are down: A criterion for invertibility, *American Mathematical Monthly* 110 (2003), 737–741.
- M. Bourass, O. El-Fallah, I. Marrhich, and H. Naqos On singular values of Hankel operators on Bergman spaces, *Journal of Functional Analysis* 283 (2022), <https://doi.org/10.1016/j.jfa.2022.109521>, 41 pages.
- Paul S. Bourdon, Rudin's orthogonality problem and the Nevanlinna counting function, *Proceedings of the American Mathematical Society* 125 (1997), 1187–1192.
- P. S. Bourdon, V. Matache, and J. H. Shapiro, On convergence to the Denjoy-Wolff point, *Illinois Journal of Mathematics* 49 (2005), 405–430.
- Paul S. Bourdon and Joel H. Shapiro, Spectral synthesis and common cyclic vectors, *Michigan Mathematical Journal* 37 (1990), 71–90.
- Jean Bourgain and Abel Klein, Bounds on the density of states for Schrödinger operators, *Inventiones Mathematicae* 194 (2013), 41–72.
- Raymond Boute, The decibel done right: A matter of engineering the math, *IEEE Antennas and Propagation Magazine* (51) (2009), 177–184.
- G. Braatvedt, R. Brits, and F. Schulz, Rank in Banach algebras: A generalized Cayley-Hamilton theorem, *Linear Algebra and its Applications* 507 (2016), 389–398.
- Otto Bretscher, *Linear Algebra with Applications*, Prentice-Hall, 1997.
- Martin J. Bridgeman and Edward C. Taylor, An extension of the Weil-Petersson metric to quasi-Fuchsian space, *Mathematische Annalen* 341 (2008), 927–943.
- Robert Brijder, Floris Geerts, Jan Van Den Bussche, and Timmy Weerwag, On the expressive power of query languages for matrices, *Association for Computing Machinery Transactions on Database Systems* 44 (2019), 15:1–15:31.
- Stephen M. Buckley, Pekka Koskela, and Dragan Vukotić, Fractional integration, differentiation, and weighted Bergman spaces, *Mathematical Proceedings of the Cambridge Philosophical Society* 126 (1999), 369–385.
- Stephen M. Buckley, M. S. Ramanujan, and Dragan Vukotić, Bounded and compact coefficient multipliers between Bergman and Hardy spaces, *Integral Equations and Operator Theory* 35 (1999), 1–19.
- Paul Budde, Support sets and Gleason parts, *Michigan Mathematical Journal* 37 (1990), 367–383.
- B. Buffoni, E. N. Dancer, and J. F. Toland, The regularity and local bifurcation of steady periodic water waves, *Archive for Rational Mechanics and Analysis* 152 (2000), 207–240.
- Jeffrey R. Butz, Compact Hankel operators, *Contributions to Analysis and Geometry*, Johns Hopkins University Press, 1981, 41–50.
- I. Caçao and K. Gürlebeck, On monogenic primitives of monogenic functions, *Complex Variables and Elliptic Equations* 52 (2007), 1081–1100.

- I. Caçao, K. Gürlebeck, and S. Bock, On derivatives of spherical monogenics, *Complex Variables and Elliptic Equations* 51 (2006), 847–869.
- M. C. Calderón-Moreno and J. Müller, Universal holomorphic and harmonic functions with additional properties, *Acta Mathematica Hungarica* 105 (2004), 1–15.
- G. A. Cámera, A sharp inequality for Bergman-Nevanlinna functions, *Publicationes Mathematicae Debrecen* 49 (1996), 77–84.
- Alexander P. Campbell and Daniel Daners, Linear algebra via complex analysis, *American Mathematical Monthly* 120 (2013), 877–892.
- Guang Fu Cao and Lu Tao Zhu, The compactness of Toeplitz operators on Dirichlet spaces, *Acta Mathematica Sinica. Chinese Series* 44 (2001), 241–248.
- Ting-Bin Cao and Zhong-Shu Deng, On the uniqueness of meromorphic functions that share three or two finite sets on annuli, *Indian Academy of Sciences. Proceedings. Mathematical Sciences* 122 (2012), 203–220.
- Ting Bin Cao and Hong Xun Yi, Uniqueness theorems for meromorphic functions sharing sets IM on annuli, *Acta Mathematica Sinica. Chinese Series* 54 (2011), 623–632.
- Ting-Bin Cao, Hong-Xun Yi, and Hong-Yan Xu, On the multiple values and uniqueness of meromorphic functions on annuli, *Computers & Mathematics with Applications* 58 (2009), 1457–1465.
- Juan José Carmona and Julià Cufí, On the distance of an analytic function to VMO , *Journal of the London Mathematical Society* 34 (1986), 52–66.
- Juan José Carmona and Julià Cufí, The Axler-Shapiro theorem in the disc, *Comm. Journées Complexes du Sud*, Le Pla (France), 1984.
- M. H. Castro and V. A. Menegatto, Eigenvalue decay of positive integral operators on the sphere, *Mathematics of Computation* 81 (2012), 2303–2317.
- U. Cegrell and H. Yamaguchi, Representation of magnetic fields by jump theorem for harmonic forms, *Mathematical Proceedings of the Royal Irish Academy* 108 (2008), 7–17.
- Paolo Cermelli and Franco Pastrone, A simple approach to the problem of defect localization in an elastic body, *International Journal of Non-Linear Mechanics* 36 (2001), 515–521.
- Gerardo Chacón, Humberto Rafeiro, and Juan Camilo Vallejo, *Functional Analysis*, De Gruyter, 2017.
- Marc Chamberland and David Siegel, Polynomial solutions to Dirichlet problems, *Proceedings of the American Mathematical Society* 129 (2001), 211–217.
- Kit Chak Chan, On the Dirichlet space for finitely connected regions, *Transactions of the American Mathematical Society* 319 (1990), 711–728.
- Kit C. Chan and Željko Čučković, C^* -algebras generated by a subnormal operator, *Transactions of the American Mathematical Society* 351 (1999), 1445–1460.
- S.-Y. A. Chang, A generalized area integral estimate and applications, *Studia Mathematica* 69 (1980), 109–121.

- Sun-Yung A. Chang, A characterization of Douglas subalgebras, *Acta Mathematica* 137 (1976), 81–89.
- Sun-Yung A. Chang, On the structure and characterization of some Douglas algebras, *American Journal of Mathematics* 99 (1977), 530–578.
- Sun-Yung A. Chang, Structure of subalgebras between L^∞ and H^∞ , *Transactions of the American Mathematical Society* 227 (1977), 319–332.
- Sun-Yung A. Chang, Jie Qing, and Paul C. Yang, Compactification of a class of conformally flat 4-manifold, *Inventiones Mathematicae* 142 (2000), 65–93.
- Benoit Charbonneau, From spatially periodic instantons to singular monopoles, *Journal Communications in Analysis and Geometry* 14 (2006), 183–214.
- Samer M. Charifa and Ahmad A. Masoud, Solid mechanics-inspired sensor-based motion planner, *Proceedings of the 2005 IEEE Conference on Control Applications*, IEEE, 2005, 221–226.
- Rick Scott Chartrand, *Hilbert Spaces of Holomorphic Functions: Zero Sets, Invariant Subspaces, and Toeplitz Operators*, PhD thesis, University of California, Berkeley, 1999.
- Rick Chartrand, Toeplitz operators on Dirichlet-type spaces, *Journal of Operator Theory* 48 (2002), 3–13.
- Sh. Chen, S. Ponnusamy, and X. Wang, Harmonic mappings in Bergman spaces, *Monatshefte für Mathematik* 170 (2013), 325–342.
- Min Chen and Xingdi Chen, (K, K') -Quasiconformal harmonic mappings of the upper half plane onto itself, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 37 (2012), 265–276.
- Xiaoman Chen, Kunyu Guo, and Shengzhao Hou, Analytic Hilbert spaces over the complex plane, *Journal of Mathematical Analysis and Applications* 268 (2002), 684–700.
- Yong Chen, Commuting Toeplitz operators on the Dirichlet space, *Journal of Mathematical Analysis and Applications* 357 (2009), 214–224.
- Yong Chen, Young Joo Lee, and Quang Dieu Nguyen, Algebraic properties of Toeplitz operators on the harmonic Dirichlet space, *Integral Equations and Operator Theory* 69 (2011), 183–201.
- Youmin Chen, On expansions of Ricci flat ALE metrics in harmonic coordinates about the infinity, *Communications in Mathematics and Statistics* 8 (2020), 63–90.
- Ward Cheney and David Kincaid, *Linear Algebra: Theory and Applications*, Jones and Bartlett, 2009.
- Tien Chih, Generalizing Cantor-Schroeder-Bernstein: Counterexamples in standard settings, *Mathematics Enthusiast* 11 (2014), 475–483.
- Ralph Chill and Yuri Tomilov, Analytic continuation and stability of operator semigroups, *Journal d'Analyse Mathématique* 93 (2004), 331–357.
- Boo Rim Choe, Bôcher's theorem for M -harmonic functions, *Houston Journal of Mathematics* 18 (1992), 539–549.

- Boo Rim Choe, Projections, the weighted Bergman spaces, and the Bloch space, *Proceedings of the American Mathematical Society* 108 (1990), 127–136.
- Boo Rim Choe and Hyungwoon Koo, Zero products of Toeplitz operators with harmonic symbols, *Journal of Functional Analysis* 233 (2006), 307–334.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Commuting Toeplitz operators on the polydisk, *Transactions of the American Mathematical Society* 356 (2004), 1727–1749.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Finite rank Toeplitz products with harmonic symbols, *Journal of Mathematical Analysis and Applications* 343 (2008), 81–98.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Finite sums of Toeplitz products on the polydisk, *Potential Analysis* 31 (2009), 227–255.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Positive Schatten class Toeplitz operators on the ball, *Studia Mathematica* 189 (2008), 65–90.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Positive Schatten(-Herz) class Toeplitz operators on the half-space, *Potential Analysis*, 27 (2007), 73–100.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Positive Schatten-Herz class Toeplitz operators on the ball, *New York Journal of Mathematics*, 17A (2011), 113–125.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Sums of Toeplitz products with harmonic symbols, *Revista Matemática Iberoamericana* 24 (2008), 43–70.
- Boo Rim Choe, Hyungwoon Koo, and Young Joo Lee, Zero products of Toeplitz operators with n -harmonic symbols, *Integral Equations and Operator Theory* 57 (2007), 43–66.
- Boo Rim Choe, Hyungwoon Koo, and Kyunguk Na, Finite rank products of Toeplitz operators on the harmonic Bergman space, *Rocky Mountain Journal of Mathematics* 41 (2011), 45–78.
- Boo Rim Choe, Hyungwoon Koo, and Kyesook Nam, Finite rank product theorems for Toeplitz operators on the half-space, *Journal of the Mathematical Society of Japan* 61 (2009), 885–919.
- Boo Rim Choe, Hyungwoon Koo, and Kyesook Nam, Optimal norm estimate of operators related to the harmonic Bergman projection on the ball, *Tohoku Mathematical Journal* 62 (2010) 357–374.
- Boo Rim Choe, Hyungwoon Koo, and Heungsu Yi, Bergman norm estimates of Poisson integrals, *Nagoya Mathematical Journal* 161 (2001), 85–125.
- Boo Rim Choe, Hyungwoon Koo, and Heungsu Yi, Carleson type conditions and weighted inequalities for harmonic functions, *Osaka Journal of Mathematics* 39 (2002), 945–962.
- Boo Rim Choe, Hyungwoon Koo, and HeusSu Yi, Derivatives of harmonic Bergman and Bloch functions on the ball, *Journal of Mathematical Analysis and Applications* 260 (2001), 100–123.
- Boo Rim Choe, Hyungwoon Koo, and HeusSu Yi, Gleason’s problem for harmonic Bergman and Bloch functions on half-spaces, *Integral Equations and Operator Theory* 36 (2000), 269–287.

- Boo Rim Choe, Hyungwoon Koo, and HeungSu Yi, Harmonic Bergman functions as radial derivatives of Bergman functions, *Proceedings of the American Mathematical Society* 131 (2003), 401–408.
- Boo Rim Choe, Hyungwoon Koo, and Heungsu Yi, Moment vanishing properties of harmonic Bergman functions, *Journal of Mathematical Analysis and Applications* 296 (2004), 365–381.
- Boo Rim Choe, Hyungwoon Koo, and Heungsu Yi, Positive Toeplitz operators between the harmonic Bergman spaces, *Potential Analysis* 17 (2002), 307–335.
- Boo Rim Choe, Hyungwoon Koo, and HeungSu Yi, Projections for harmonic Bergman spaces and applications, *Journal of Functional Analysis* 216 (2004), 388–421.
- Boo Rim Choe and Young Joo Lee, Compact Toeplitz operators with bounded symbols on the Bergman space, *Journal of the Korean Mathematical Society* 31 (1994), 289–307.
- Boo Rim Choe and Young Joo Lee, Commuting Toeplitz operators on the harmonic Bergman space, *Michigan Mathematical Journal* 46 (1999), 163–174.
- Boo Rim Choe and Young Joo Lee, Pluriharmonic symbols of commuting Toeplitz operators, *Illinois Journal of Mathematics* 37 (1993), 424–436.
- Boo R. Choe, Young J. Lee, and Kyunguk Na, Positive Toeplitz operators from a harmonic Bergman space into another, *Tohoku Mathematical Journal* 56 (2004), 255–270.
- Boo Rim Choe, Young Joo Lee, and Kyunguk Na, Toeplitz operators on harmonic Bergman spaces, *Nagoya Mathematical Journal* 174 (2004), 165–186.
- Boo Rim Choe, Young Joo Lee, Kyesook Nam, and Dechao Zheng, Products of Bergman space Toeplitz operators on the polydisk, *Mathematische Annalen* 337 (2007), 295–316.
- Boo Rim Choe and Kyesook Nam, Berezin transform and Toeplitz operators on harmonic Bergman spaces, *Journal of Functional Analysis* 257 (2009), 3135–3166.
- Boo Rim Choe and Kyesook Nam, Double integral characterizations of harmonic Bergman spaces, *Journal of Mathematical Analysis and Applications* 379 (2011), 889–909.
- Boo Rim Choe and Kye Sook Nam, Note on commuting Toeplitz operators on the pluriharmonic Bergman space, *Journal of the Korean Mathematical Society* 43 (2006), 259–269.
- Boo Rim Choe and Kyesook Nam, Toeplitz operators and Herz spaces on the half-space, *Integral Equations and Operator Theory* 59 (2007), 501–521.
- Boo Rim Choe and Jongho Yang, Commutants of Toeplitz operators with radial symbols on the Fock-Sobolev space, *Journal of Mathematical Analysis and Applications* 415 (2014), 779–790.
- Changsun Choi, A weak-type inequality for differentially subordinate harmonic functions, *Transactions of the American Mathematical Society* 350 (1998), 2687–2696.
- Eun Sun Choi and Kyunguk Na, Characterizations of the harmonic Bergman space on the ball, *Journal of Mathematical Analysis and Applications* 353 (2009), 375–385.
- Ki Seong Choi, Notes on the space of Dirichlet type and weighted Besov space, *Journal of the Chungcheong Mathematical Society* 26 (2013), 393–402.

- Kwonhue Choi and Huaping Liu, *Problem-Based Learning in Communication Systems Using MATLAB and Simulink*, Wiley, 2016.
- Soon-Yeong Chung, Characterization of harmonic functions with singularity in hyperplane, *Journal of Mathematics of Kyoto University* 36 (1996), 199–209.
- Soon-Yeong Chung and Dohan Kim and Eun Gu Lee, A simple proof of Bôcher's theorem, *Bulletin of the Korean Mathematical Society* 32 (1995), 67–72.
- Soon-Yeong Chung and Dohan Kim and Jung Rye Lee, Generalized Bôcher's theorem, *Journal of Mathematical Analysis and Applications* 188 (1994), 341–345.
- Joseph A. Cima and Željko Čučković, Compact Toeplitz operators with unbounded symbols, *Journal of Operator Theory* 53 (2005), 431–440.
- Joseph A. Cima, Alec Matheson, and William T. Ross, The backward shift on the space of Cauchy transforms, *Proceedings of the American Mathematical Society* 132 (2003), 745–754.
- Joseph A. Cima and William T. Ross, *The Backward Shift on the Hardy Space*, American Mathematical Society, 2000.
- Joseph A. Cima, Karel Stroethoff, and Keith Yale, Bourgain algebras on the unit disk, *Pacific Journal of Mathematics* 160 (1993), 27–41.
- Kevin Clancey and John A. Gosselin, On the local theory of Toeplitz operators, *Illinois Journal of Mathematics* 22 (1978), 449–458.
- John H. Clifford and Dechao Zheng, Composition operators on the Hardy space, *Indiana University Mathematics Journal* 48 (1999), 1585–1616.
- L. A. Coburn, A Lipschitz estimate for Berezin's operator calculus, *Proceedings of the American Mathematical Society* 133 (2005), 121–131.
- L. A. Coburn, Sharp Berezin Lipschitz estimates, *Proceedings of the American Mathematical Society* 135 (2007), 1163–1168.
- L. A. Coburn, Toeplitz operators, quantum mechanics, and mean oscillation in the Bergman metric, *Proceedings of Symposia in Pure Mathematics* 51 (1990), 97–104.
- L. A. Coburn, J. Isralowitz, and Bo Li, Toeplitz operators with BMO symbols on the Segal-Bargmann space, *Transactions of the American Mathematical Society* 363 (2011), 3015–3030.
- William S. Cohn, Carleson measures and operators on star-invariant subspaces, *Journal of Operator Theory* 15 (1986), 181–202.
- Peter Colwell, *Blaschke Products*, University of Michigan Press, 1985.
- Christopher I. Connolly, Harmonic functions and collision probabilities, *International Journal of Robotics Research* 16 (1997), 497–507.
- Christopher I. Connolly, *Harmonic Functions as a Basis for Motor Control and Planning*, PhD thesis, University of Massachusetts, 1994.

- Christopher I. Connolly, Roderic A. Grupen, and Kamal Souccar, A Hamiltonian framework for kinodynamic planning, *Proceedings of the IEEE Conference on Robotics and Automation*, 1995, 2746–2751.
- Olivia Constantin, Discretizations of integral operators and atomic decompositions in vector-valued weighted Bergman spaces, *Integral Equations and Operator Theory* 59 (2007), 523–554.
- Olivia Constantin, Weak product decompositions and Hankel operators on vector-valued Bergman spaces, *Journal of Operator Theory* 59 (2008), 157–178.
- John B. Conway, *A Course in Operator Theory*, American Mathematical Society, 2000.
- John B. Conway, A survey of some results on subnormal operators, *Operators and Function Theory* (S. C. Power, editor), D. Reidel, 1985.
- John B. Conway, *Functions of One Complex Variable*, Springer, 1995.
- John B. Conway, Spectral properties of certain operators on Hardy spaces of planar regions, *Integral Equations and Operator Theory* 10 (1987), 659–706.
- John B. Conway, *Subnormal Operators*, Pitman Research Notes in Mathematics, 1981.
- Justin Corvino, Scalar curvature deformation and a gluing construction for the Einstein constraint equations, *Communications in Mathematical Physics* 214 (2000), 137–189.
- Justin Corvino, Aydin Gerek, Michael Greenberg, and Brian Krummel, On isoperimetric surfaces in general relativity, *Pacific Journal of Mathematics* 231 (2007), 63–84.
- G. Costakis, Some remarks on universal functions and Taylor series, *Mathematical Proceedings of the Cambridge Philosophical Society* 128 (2000), 157–175.
- Carl Cowen and Barbara MacCluer, *Composition Operators on Spaces of Analytic Functions*, CRC Press, 1995.
- Fabrizio Cuccu, Ahmed Mohammed, and Giovanni Porru, Extensions of a theorem of Cauchy-Liouville, *Journal of Mathematical Analysis and Applications* 369 (2010), 222–231.
- Željko Čučković, *Commutants of Toeplitz Operators on the Bergman Space*, PhD thesis, Michigan State University, 1991.
- Željko Čučković, Commutants of Toeplitz operators on the Bergman space, *Pacific Journal of Mathematics* 162 (1994), 277–285.
- Željko Čučković, Commuting Toeplitz operators on the Bergman space of an annulus, *Michigan Mathematical Journal* 43 (1996), 355–365.
- Željko Čučković, Finite rank perturbations of Toeplitz operators, *Integral Equations and Operator Theory* 59 (2007), 345–353.
- Željko Čučković and Trieu Le, Toeplitz operators on Bergman spaces of polyanalytic functions, *Bulletin of the London Mathematical Society* 44 (2012), 961–973.
- Željko Čučković and Bo Li, Berezin transform, Mellin transform and Toeplitz operators, *Complex Analysis and Operator Theory* 6 (2012), 189–218.

- Željko Čučković and Issam Louhichi, Finite rank commutators and semicommutators of quasihomogeneous Toeplitz operators, *Complex Analysis and Operator Theory* 2 (2008), 429–439.
- Željko Čučković and N. V. Rao, Mellin transform, monomial symbols and commuting Toeplitz operators, *Journal of Functional Analysis* 154 (1998), 195–214.
- Željko Čučković and Sönmez Şahutoğlu, Axler-Zheng type theorem on a class of domains in \mathbb{C}^n , *Integral Equations and Operator Theory* 77 (2013), 397–405.
- Željko Čučković and Sönmez Şahutoğlu, Compactness of products of Hankel operators on the polydisk and some product domains in \mathbb{C}^2 , *Journal of Mathematical Analysis and Applications* 371 (2010), 341–346.
- Željko Čučković and Ruhan Zhao, Weighted composition operators on the Bergman space, *Journal of the London Mathematical Society* 70 (2004), 499–511.
- Raúl E. Curto, Applications of several complex variables to multiparameter spectral theory, *Surveys of Some Recent Results in Operator Theory* (J. B. Conway and B. B. Morrel, editors), Pitman Research Notes in Mathematics, 1988, 25–90.
- Raúl E. Curto and Paul S. Muhly, C^* -algebras of multiplication operators on Bergman spaces, *Journal of Functional Analysis* 64 (1985), 315–329.
- Raúl E. Curto and Norberto Salinas, Generalized Bergman kernels and the Cowen-Douglas theory, *American Journal of Mathematics* 106 (1984), 447–488.
- Raúl E. Curto and Norberto Salinas, Spectral properties of cyclic subnormal m -tuples, *American Journal of Mathematics* 107 (1985), 113–138.
- Ulrich Daepp, Pamela Gorkin, Andrew Shaffer, and Karl Voss, *Finding Ellipses*, American Mathematical Society, 2018.
- Feng Dai and Yuan Xu, *Approximation Theory and Harmonic Analysis on Spheres and Balls*, Springer, 2013.
- Namita Das and Jitendra Kumar Behera, On a class of unitary operators on the Bergman space of the right half plane, *Turkish Journal of Mathematics* 42 (2018), 471–486.
- Namita Das and Madhusmita Sahoo, Positive operators on the Bergman space and Berezin transform, *Methods of Functional Analysis and Topology* 17 (2011), 204–210.
- Kenneth R. Davidson and Stephen C. Power, Best approximation in C^* -algebras, *Journal für die Reine und Angewandte Mathematik* 368 (1986), 43–62.
- J. Dávila and L. Dupaigne, Perturbing singular solutions of the Gelfand problem, *Communications in Contemporary Mathematics* 9 (2007), 639–680.
- Jane M. Day and Dan Kalman, Teaching linear algebra: Issues and resources, *College Mathematics Journal* 32 (2001), 162–168.
- H. De Bie, B. Ørsted, P. Somberg, and V. Souček, Dunkl operators and a family of realizations of $\text{osp}(1|2)$, *Transactions of the American Mathematical Society* 364 (2012), 3875–3902.

- Ronaldo F. De Lima, A maximum principle at infinity for surfaces with constant mean curvature in Euclidean space, *Annals of Global Analysis and Geometry* 20 (2001), 325–343.
- F. De Mari, H. G. Feichtinger, and K. Nowak, Uniform eigenvalue estimates for time-frequency localization operators, *Journal of the London Mathematical Society* 65 (2002), 720–732.
- Carlos Canudas de Wit, Federica Garin, Ruggero Fabbiano, Pierre Rouchon, and Antoine Rousseau, Some localization using Poisson integrals, *International Federation of Automatic Control Proceedings Volumes* 45 (2012), 127–132.
- Waleed Deeb and Rahman Younis, On the extreme points of quotients of L^∞ by Douglas algebras, *Canadian Mathematical Bulletin* 27 (1984), 517–522.
- Waleed Deeb and Rahman Younis, Representing measures for H^∞ and extreme points, *Houston Journal of Mathematics* 11 (1985), 293–297.
- Marc Peter Deisenroth, A. Aldo Faisal, and Cheng Soon Ong, *Mathematics for Machine Learning*, Cambridge University Press, 2020.
- P. Delaney and J. C. Greer, Tools for analysing configuration interaction wavefunctions, *Computational Materials Science* 28 (2003), 240–249.
- Amir Dembo, Yuval Peres, Jay Rosen, and Ofer Zeitouni, Cover times for Brownian motion and random walks in two dimensions, *Annals of Mathematics* 160 (2004), 433–464.
- Guantie Deng, Integral representations of harmonic functions in half spaces, *Bulletin des Sciences Mathématiques* 131 (2007), 53–59.
- Yaohua Deng, Li Huang, Tao Zhao, and Dechao Zheng, Bergman projection and Bergman spaces, *Journal of Operator Theory* 46 (2001), 3–24.
- Yaohua Deng and Dechao Zheng, Analytic Orlicz-Besov spaces and the duals of the Bergman spaces, *Complex Variables Theory and Application* 22 (1993), 211–228.
- Si Bo Diao and Tao Yu, Bounded and compact Toeplitz operators on the weighted Bergman space over the bidisk, *Acta Mathematica Sinica (English series)* 30 (2014), 151–162.
- G. Díaz, J. I. Díaz, and J. Otero, On an oblique boundary value problem related to the Backus problem in Geodesy, *Nonlinear Analysis: Real World Applications* 7 (2006), 147–166.
- S. J. Dilworth, Denka Kutzarova, and Karen L. Shuman, The weak Chebyshev X-greedy algorithm in the unweighted Bergman space, *Journal of Mathematical Analysis and Applications* 318 (2006), 692–706.
- Xuan Hao Ding, Compact product of Toeplitz operators on the polydisk, *Acta Mathematica Sinica. Chinese Series* 48 (2005), 493–498.
- Xuanhao Ding, Shunhua Sun, and Dechao Zheng, Commuting Toeplitz operators on the bidisk, *Journal of Functional Analysis* 263 (2012), 3333–3357.
- Zindine Djadli, Andrea Malchiodi, and Mohameden Ould Ahmedou, Prescribing a fourth order conformal invariant on the standard sphere. II. Blow up analysis and applications, *Annali della Scuola Normale Superiore di Pisa. Classe di Scienze* 1 (2002), 387–434.

- Zindine Djadli, Andrea Malchiodi, and Mohameden Ould Ahmedou, The prescribed boundary mean curvature problem on \mathbb{B}^4 , *Journal of Differential Equations* 206 (2004), 373–398.
- Xing-Tang Dong and Ze-Hua Zhou, Algebraic properties of Toeplitz operators with separately quasihomogeneous symbols on the Bergman space of the unit ball, *Journal of Operator Theory* 66 (2011), 193–207.
- Xing-Tang Dong and Ze-Hua Zhou, Commuting quasihomogeneous Toeplitz operators on the harmonic Bergman space, *Complex Analysis and Operator Theory* 7 (2013), 1267–1285.
- R. G. Douglas, Local Toeplitz operators, *Proceedings of the London Mathematical Society* 36 (1978), 243–272.
- R. G. Douglas, V. I. Paulsen, and C.-H. Sah, Algebraic reduction and rigidity for Hilbert modules, *American Journal of Mathematics* 117 (1995), 75–92.
- Tyler W. Drombosky, Ashley L. Meyer, and Leevan Ling, Applicability of the method of fundamental solutions, *Engineering Analysis with Boundary Elements* 33 (2009), 637–643.
- James Joseph Dudziak, *Spectral Mapping Theorems for Subnormal Operators*, PhD thesis, Indiana University, 1981.
- James Dudziak, Spectral mapping theorems for subnormal operators, *Journal of Functional Analysis* 56 (1984), 360–387.
- Peter Duren and Alexander Schuster, *Bergman Spaces*, American Mathematical Society, 2004.
- Peter Duren and Rachel Weir, The pseudohyperbolic metric and Bergman spaces in the ball, *Transactions of the American Mathematical Society* 359 (2007) 63–76.
- Konstantin M. Dyakovov, Canonical factorization in subalgebras of H^∞ associated with Douglas algebras, *Indiana University Mathematics Journal* 49 (2000), 817–836.
- Harry Dym, *Linear Algebra in Action*, American Mathematical Society, 2007.
- Peter Ebenfelt and Hermann Render, On the mixed Cauchy problem with data on singular conics, *Journal of the London Mathematical Society* 78 (2008), 248–266.
- Harold M. Edwards, *Essays in Constructive Mathematics*, Springer, 2005.
- Norma Elias, Toeplitz operators on weighted Bergman spaces, *Integral Equations and Operator Theory* 11 (1988), 310–331.
- J. Elstrodt, A trace formula for Hecke operators on $L^2(S_2)$ and modular forms on $\Gamma_0(4)$, *Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg* 71 (2001), 181–196.
- Hassan Emamirad, An approximating family for the Dirichlet-to-Neumann semigroup, *Advances in Differential Equations* 11 (2006), 241–257.
- Miroslav Engliš, Berezin transform and the Laplace–Beltrami operator, *Algebra i Analiz* 7 (1995), 176–195.
- Miroslav Engliš, Berezin transform on the harmonic Fock space, *Journal of Mathematical Analysis and Applications* 367 (2010), 75–97.

- Miroslav Engliš, Compact Toeplitz operators via the Berezin transform on bounded symmetric domains, *Integral Equations and Operator Theory* 33 (1999), 426–455.
- Miroslav Engliš, Density of algebras generated by Toeplitz operators on Bergman spaces, *Arkiv för Matematik* 30 (1992), 227–243.
- Miroslav Engliš, Functions invariant under the Berezin transform, *Journal of Functional Analysis* 121 (1994), 233–254.
- Miroslav Engliš, Singular Berezin transforms, *Complex Analysis and Operator Theory* 1 (2007), 533–548.
- Miroslav Engliš, Toeplitz operators and group representations, *Journal of Fourier Analysis and Applications* 13 (2007), 243–265.
- M. Engliš, *Toeplitz Operators on Bergman-type Spaces*, PhD thesis, Charles University, 1991.
- Karsten Eppler and Bernd Luderer, Some remarks on sufficient conditions for nonsmooth functions, *Optimization* 49 (2001), 293–301.
- Dashan Fan and Zhijian Wu, Norm estimates for iterated commutators on the Bergman spaces of the unit ball, *American Journal of Mathematics* 117 (1995), 523–543.
- Douglas R. Farenick, *Algebras of Linear Transformations*, Springer, 2001.
- Moshe Feder, On a certain subset of $L^1(0, 1)$ and non-existence of best approximation in some spaces of operators, *Journal of Approximation Theory* 29 (1980), 170–177.
- Timothy G. Feeman, Best approximation and quasitriangular algebras, *Transactions of the American Mathematical Society* 288 (1985), 179–187.
- Timothy G. Feeman, M -ideals and quasi-triangular algebras, *Illinois Journal of Mathematics* 31 (1987), 89–98.
- Nathan S. Feldman, Hypercyclic pairs of coanalytic Toeplitz operators, *Integral Equations and Operator Theory* 58 (2007), 153–173.
- Nathan S. Feldman, Pointwise multipliers from the Hardy space to the Bergman space, *Illinois Journal of Mathematics* 43 (1999), 211–221.
- Sarah H. Ferguson and Srdjan Petrovic, The joint similarity problem for weighted Bergman shifts, *Proceedings of the Edinburgh Mathematical Society* 45 (2002), 117–139.
- José C. Ferreira, Valdir A. Menegatto, and Cláudemir P. Oliveira, On the nuclearity of integral operators, *Positivity* 13 (2009), 519–541.
- C. Finet, Some nicely placed Hardy spaces, *Mathematical Proceedings of the Cambridge Philosophical Society* 123 (1998), 329–335.
- A. Z. Fino, H. Ibrahim, and R. Monneau, The Peierls-Nabarro model as a limit of a Frenkel-Kontorova model, *Journal of Differential Equations* 252 (2012), 258–293.
- Richard J. Fleming and James E. Jamison, Banach spaces with a basic inequality property and the best approximation property, *Progress in Approximation Theory*, Academic Press, 1991, 347–362.

- R. J. Fleming and J. E. Jamison, *M*-ideals and a basic inequality in Banach spaces, *Progress in Approximation Theory*, Academic Press, 1991, 363–378.
- Luigi Fontana and Carlo Morpurgo, Sharp Moser-Trudinger inequalities for the Laplacian without boundary conditions, *Journal of Functional Analysis* 262 (2012), 2231–2271.
- Pedro Freitas and João Palhoto Matos, On the characterization of harmonic and subharmonic functions via mean-value properties, *Potential Analysis* 32 (2010), 189–200.
- Emmanuel Fricain, Uniqueness theorems for analytic vector-valued functions, *Rossiiskaya Akademiya Nauk. Sankt-Peterburgskoe Otdelenie. Matematicheskii Institut im. V. A. Steklova* 247 (1997), 242–267.
- Paul A. Fuhrmann, *A Polynomial Approach to Linear Algebra*, Springer, 1996.
- Toshihide Futamura, Kyoko Kishi, and Yoshihiro Mizuta, A generalization of Bôcher's theorem for polyharmonic functions, *Hiroshima Mathematical Journal* 31 (2001), 59–70.
- Toshihide Futamura, Keiji Kitaura, and Yoshihiro Mizuta, A Montel type result for super-polyharmonic functions on \mathbb{R}^N , *Potential Analysis* 34 (2011), 89–100.
- Toshihide Futamura and Yoshihiro Mizuta, Isolated singularities of super-polyharmonic functions, *Hokkaido Mathematical Journal* 33 (2004), 675–695.
- Toshihide Futamura and Yoshihiro Mizuta, Radial growth of C^2 functions satisfying Bloch type condition, *Hiroshima Mathematical Journal* 33 (2003), 433–443.
- T. W. Gamelin, On an estimate of Axler and Shapiro, *Mathematische Annalen* 272 (1985), 189–196.
- T. W. Gamelin and D. Khavinson, The isoperimetric inequality and rational approximation, *American Mathematical Monthly* 96 (1989), 18–30.
- T. W. Gamelin, Donald E. Marshall, R. Younis, and William R. Zame, Function theory and *M*-ideals, *Arkiv för Matematik* 23 (1985), 261–279.
- Mübariz Tapdigoğlu Garayev and Mehmet Gürdal, Remarks on the zero Toeplitz product problem in the Bergman and Hardy spaces, *Turkish Journal of Mathematics* 42 (2018), 1504–1508.
- Stephan Ramon Garcia, Daniel E. Poore, and William T. Ross, Unitary equivalence to a truncated Toeplitz operator: analytic symbols, *Proceedings of the American Mathematical Society* 140 (2012), 1281–1295.
- Esther M. García-Caballero and Samuel G. Moreno, The double-sidedness of matrix inverses: yet another proof, *The College Mathematics Journal* 49 (2018), 136–137.
- Skip Garibaldi, The characteristic polynomial and determinant are not ad hoc constructions, *American Mathematical Monthly* 111 (2004), 761–778.
- John B. Garnett, *Bounded Analytic Functions*, Academic Press, 1981.
- John B. Garnett, *Bounded Analytic Functions*, revised first edition, Springer, 2007.

- Edward Gatzke, *Introduction to Modeling and Numerical Methods for Biomedical and Chemical Engineers*, Springer, 2022.
- P. M. Gauthier and J. Xiao, Functions of bounded expansion: normal and Bloch functions, *Journal of the Australian Mathematical Society* 66 (1999), 168-188.
- Meinolf Geck, Eigenvalues and polynomial equations, *American Mathematical Monthly* 126 (2019), 933-935.
- Seçil Gergün, H. Turgay Kaptanoglu, and A. Ersin Üreyen, Reproducing kernels for harmonic Besov spaces on the ball, *Comptes Rendus Mathématique* 347 (2009), 735-738.
- Pratibha G. Ghatage, Lifting Hankel operations from the Hardy space to the Bergman space, *Rocky Mountain Journal of Mathematics* 20 (1990), 433-438.
- Pratibha Ghatage and Shunhua Sun, A Luecking-type subspace of L_a^1 and its dual, *Proceedings of the American Mathematical Society* 110 (1990), 767-774.
- Pratibha G. Ghatage, Shunhua Sun, and De Chao Zheng, A remark on Bourgain algebras on the disk, *Proceedings of the American Mathematical Society* 114 (1992), 395-398.
- Pratibha Ghatage and Shunhua Sun, Duality and multiplication operators, *Integral Equations and Operator Theory* 14 (1991), 213-228.
- Pratibha G. Ghatage and Dechao Zheng, Analytic functions of bounded mean oscillation and the Bloch space, *Integral Equations and Operator Theory* 17 (1993), 501-515.
- Daniel Girela, A proof of the great Picard theorem, *Bulletin of the Belgian Mathematical Society. Simon Stevin* 11 (2004), 271-280.
- Daniel Girela, José Ángel Peláez, and Dragan Vukotić, Integrability of the derivative of a Blaschke product, *Proceedings of the Edinburgh Mathematical Society* 50 (2007), 673-687.
- Lisa R. Goldberg, On the shape of the unit sphere in $Q(\Delta)$, *Proceedings of the American Mathematical Society* 118 (1993), 1179-1185.
- M. Carmen Gómez-Collado, Félix Martínez-Giménez, Alfredo Peris, and Francisco Rodenas, Slow growth for universal harmonic functions, *Journal of Inequalities and Applications*, <https://doi.org/10.1155/2010/253690>, 6 pages.
- Francisco Javier González Vieli, Generalized Fourier expansions of differentiable functions on the sphere, *Glasgow Mathematical Journal* 47 (2005), 339-345.
- Pamela Gorkin, Algebras of bounded functions on the disc, *Function Spaces* (Krzysztof Jarosz, editor), Marcel Dekker, 1992, 155-167.
- Pamela Beth Gorkin, *Decomposition of the Maximal Ideal Space of L^∞* , PhD thesis, Michigan State University, 1982.
- Pamela Gorkin, Decompositions of the maximal ideal space of L^∞ , *Transactions of the American Mathematical Society* 282 (1984), 33-44.
- Pamela Gorkin, Functions not vanishing on trivial Gleason parts of Douglas algebras, *Proceedings of the American Mathematical Society* 104 (1988), 1086-1090.

- Pamela Gorkin, Gleason parts and COP , *Journal of Functional Analysis* 83 (1989), 44–49.
- Pamela Gorkin, Hankel type operators, Bourgain algebras, and uniform algebras, *Holomorphic Spaces* (Sheldon Axler, John E. McCarthy, and Donald Sarason, editors), Cambridge University Press, 1998, 121–134.
- Pamela Gorkin, Prime ideals in closed subalgebras of L^∞ , *Michigan Mathematical Journal* 33 (1986), 315–323.
- Pamela Gorkin, Rotation invariant ideals in subalgebras of L^∞ , *Proceedings of the American Mathematical Society* 95 (1985), 32–36.
- Pamela B. Gorkin, Singular functions and division in $H^\infty + C$, *Proceedings of the American Mathematical Society* 92 (1984), 268–270.
- Pamela Gorkin, Håkan Hedenmalm, and Raymond Mortini, A Beurling-Rudin theorem for H^∞ , *Illinois Journal of Mathematics* 31 (1987), 629–644.
- Pamela Gorkin and Keiji Izuchi, Bourgain algebras on the maximal ideal space of H^∞ , *Rocky Mountain Journal of Mathematics* 25 (1995), 1025–1051.
- Pamela Gorkin, Keiji Izuchi, and Raymond Mortini, Bourgain algebras of Douglas algebras, *Canadian Journal of Mathematics* 44 (1992), 797–804.
- Pamela Gorkin, Keiji Izuchi, and Raymond Mortini, Higher order hulls in H^∞ , II, *Journal of Functional Analysis* 177 (2000), 107–129.
- Pamela Gorkin, Keiji Izuchi, and Raymond Mortini, Sequences separating fibers in the spectrum of H^∞ , *Topology and its Applications* 129 (2003), 221–238.
- P. Gorkin, H.-M. Lingenberg, and R. Mortini, Homeomorphic disks in the spectrum of H^∞ , *Indiana University Mathematics Journal* 39 (1990), 961–983.
- Paamela Gorkin and Raymond Mortini, Interpolating Blaschke products and factorization in Douglas algebras, *Michigan Mathematical Journal* 38 (1991), 147–160.
- Pamela Gorkin and Raymond Mortini, F -ideals in QA_B , *Journal of the London Mathematical Society* 37 (1988), 509–519.
- Pamela Gorkin, Raymond Montini, and Daniel Suárez, Localisation techniques for division in Douglas algebras, *Mathematical Proceedings of the Royal Irish Academy* 101A (2001), 49–60.
- P. Gorkin and D. Zheng, Essentially commuting Toeplitz operators, *Pacific Journal of Mathematics* 190 (1999), 87–109.
- Mark J. Gotay, Hendrik Grundling, and C. A. Hurst, A Groenewold-Van Hove theorem for S^2 , *Transactions of the American Mathematical Society* 348 (1996), 1579–1597.
- Piotr Graczyk and Tomasz Jakubowski, On exit time of stable processes, *Stochastic Processes and their Applications* 122 (2012), 31–41.
- S. Grudsky, A. Karapetyants, and N. Vasilevski, Toeplitz operators on the unit ball in \mathbb{C}^n with radial symbols, *Journal of Operator Theory* 49 (2003), 325–346.

- S. M. Grudsky and N. L. Vasilevski, Toeplitz operators on the Fock space: radial component effects, *Integral Equations and Operator Theory* 44 (2002), 10–37.
- Roderic Grupen, Chris I. Connolly, Kamal X. Souccar, and Wayne P. Burleson, Toward a path co-processor for automated vehicle control, *Proceedings of the Intelligent Vehicles Symposium*, IEEE 1995, 164–169.
- Caixing Gu, On operators commuting with Toeplitz operators modulo the finite rank operators, *Journal of Functional Analysis* 215 (2004), 178–205.
- Caixing Gu, Products of several Toeplitz operators, *Journal of Functional Analysis* 171 (2000), 483–527.
- Caixing Gu, Separation for kernels of Hankel operators, *Proceedings of the American Mathematical Society* 129 (2001), 2353–2358.
- Caixing Gu, Some algebraic properties of Toeplitz and Hankel operators on polydisk, *Archiv der Mathematik* 80 (2003), 393–405.
- Caixing Gu and Dechao Zheng, The semi-commutator of Toeplitz operators on the bidisc, *Journal of Operator Theory* 38 (1997), 173–193.
- Hongyan Guan, Liu Liu, and Yufeng Lu, Algebraic properties of quasihomogeneous and separately quasihomogeneous Toeplitz operators on the pluriharmonic Bergman space, *Abstract and Applied Analysis* (2013), <https://doi.org/10.1155/2013/252037>, 12 pages.
- Hocine Guediri, Dual Toeplitz operators on the sphere, *Acta Mathematica Sinica (English Series)* 29 (2013), 1791–1808.
- Hocine Guediri, Quasinormality and numerical ranges of certain classes of dual Toeplitz operators, *Abstract and Applied Analysis* (2010), <https://doi.org/10.1155/2010/426319>, 14 pages.
- Kunyu Guo, Shunhua Sun, and Dechao Zheng, Finite rank commutators and semicommutators of Toeplitz operators with harmonic symbols, *Illinois Journal of Mathematics* 51 (2007), 583–596.
- Carroll Guillory and Keiji Izuchi, Interpolating Blaschke products and nonanalytic sets, *Complex Variables Theory and Application* 23 (1993), 163–175.
- Carroll Guillory and Keiji Izuchi, Minimal envelopes of Douglas algebras and Bourgain algebras, *Houston Journal of Mathematics* 19 (1993), 201–222.
- Carroll Guillory, Keiji Izuchi, and Donald Sarason, Interpolating Blaschke products and division in Douglas algebras, *Mathematical Proceedings of the Royal Irish Academy* 84A (1984), 1–7.
- Kunyu Guo, Extensions of Hilbert modules and Hankel operators, *Chinese Annals of Mathematics*, Ser. B, 21 (2000), 17–24.
- Kunyu Guo, Shunhua Sun and Dechao Zheng, Finite rank commutators and semicommutators of Toeplitz operators with harmonic symbols, *Illinois Journal of Mathematics* 51 (2007), 583–596.

- Kunyu Guo and Dechao Zheng, Essentially commuting Hankel and Toeplitz operators, *Journal of Functional Analysis* 201 (2003), 121–147.
- Kunyu Guo and Dechao Zheng, Invariant subspaces, quasi-invariant subspaces, and Hankel operators, *Journal of Functional Analysis* 187 (2001), 308–342.
- Kunyu Guo and Dechao Zheng, The distribution function inequality for a finite sum of finite products of Toeplitz operators, *Journal of Functional Analysis* 218 (2005), 1–53.
- Kunyu Guo and Dechao Zheng, Toeplitz algebra and Hankel algebra on the harmonic Bergman space, *Journal of Mathematical Analysis and Applications* 276 (2002), 213–230.
- Klaus Gürlebeck, Joao Morais, and Paula Cerejeiras, Borel-Carathéodory type theorem for monogenic functions, *Complex Analysis and Operator Theory* 3 (2009), 99–112.
- George A. Hagedorn and Alain Joye, A mathematical theory for vibrational levels associated with hydrogen bonds, *Communications in Mathematical Physics* 274 (2007), 691–715.
- Kyong T. Hahn and E. H. Youssfi, M -harmonic Besov p -spaces and Hankel operators in the Bergman space on the ball in \mathbf{C}^n , *Manuscripta Mathematica* 71 (1991), 67–81.
- Kyong T. Hahn and E. H. Youssfi, Möbius invariant Besov p -spaces and Hankel operators in the Bergman space on the ball in \mathbf{C}^n , *Complex Variables Theory and Application* 17 (1991), 89–104.
- Paul R. Halmos, *A Hilbert Space Problem Book*, second edition, Springer, 1982.
- Brian C. Hall, *Lie Groups, Lie Algebras, and Representations: An Elementary Introduction*, Springer, 2003.
- P. R. Halmos, Quadratic interpolation, *Journal of Operator Theory* 7 (1982), 303–305.
- D. H. Hamilton, On the Poincaré inequality, *Complex Variables Theory and Application* 5 (1986), 265–270.
- Deguang Han, Keri Kornelson, David Larson, and Eric Weber, *Frames for Undergraduates*, American Mathematical Society, 2007.
- Wei Han, Concerning the Strauss conjecture for the subcritical and critical cases on the exterior domain in two space dimensions, *Nonlinear Analysis* 84 (2013), 136–145.
- Martin Hanke and Birgit Schappel, The factorization method for electrical impedance tomography in the half-space, *SIAM Journal on Applied Mathematics* 68 (2008), 907–924.
- Jeffrey Harrison, A frequency-domain approach to frequency-weighted balanced realization, *IEEE Transactions on Circuits and Systems* 50 (2003), 655–662.
- James Lowell Hartman, *Additional Properties of Weighted Shifts*, PhD thesis, Michigan State University, 1981.
- Eric Hayashi, *Past and Future on the Real Line*, PhD thesis, University of California, Berkeley, 1978.
- Eric Hayashi, The spectral density of a strongly mixing stationary Gaussian process, *Pacific Journal of Mathematics* 96 (1981), 343–359.

- Christina Hayes and Tomáš Gedeon, Hyperbolicity of the fixed point set for the simple genetic algorithm, *Theoretical Computer Science* 411 (2010), 2368–2383.
- Zhong Hua He and Guang Fu Cao, Toeplitz operators with BMO symbols of several complex variables, *Acta Mathematica Sinica (English series)* 28 (2012), 599–608.
- K. Hedayatian, On certain Banach spaces of analytic functions, *Proceedings of the 26th Annual Iranian Mathematics Conference*, volume 2, 1995, 133–136.
- Håkan Hedenmalm, Boris Korenblum, and Kehe Zhu, *Theory of Bergman Spaces*, Springer, 2000.
- Lester L. Helms, *Potential Theory*, Springer, 2009.
- A.-K. Herbig, A note on a smoothing property of the harmonic Bergman projection, *International Journal of Mathematics* 24 (2013), <https://doi.org/10.1142/S0129167X13500328>, 14 pages.
- Jack D. Hidary, *Quantum Computing: An Applied Approach*, Springer, 2019.
- Yōsuke Hishikawa, Fractional calculus on parabolic Bergman spaces, *Hiroshima Mathematical Journal* 38 (2008), 471–488.
- Yōsuke Hishikawa, Masaharu Nishio, and Masahiro Yamada, A conjugate system and tangential derivative norms on parabolic Bergman spaces, *Hokkaido Mathematical Journal* 39 (2010), 85–114.
- Yōsuke Hishikawa and Masahiro Yamada, Function spaces of parabolic Bloch type, *Hiroshima Mathematical Journal* 41 (2011), 55–87.
- Michael John Hoffman, *Product and Commutation Properties of Hilbert Space Operators*, PhD thesis, University of California, Berkeley, 1979.
- M. Hoffmann-Ostenhof, T. Hoffmann-Ostenhof, and N. Nadirashvili, The nodal line of the second eigenfunction of the Laplacian in R^2 can be closed, *Duke Mathematical Journal* 90 (1997), 631–640.
- Stefan Hollands, Correlators, Feynman diagrams, and quantum no-hair in deSitter spacetime, *Communications in Mathematical Physics* 319 (2013), 1–68.
- Stefan Hollands, Massless interacting scalar quantum fields in deSitter spacetime, *Annales Henri Poincaré* 13 (2012), 1039–1081.
- Stefan Hollands and Heiner Olbermann, Perturbative quantum field theory via vertex algebras, *Journal of Mathematical Physics* 50 (2009), 112304.
- M. Holschneider and I. Iglewska-Nowak, Poisson wavelets on the sphere, *Journal of Fourier Analysis and Applications* 13 (2007), 405–419.
- Y. C. Hon and Zongmin Wu, A numerical computation for inverse boundary determination problem, *Engineering Analysis with Boundary Elements* 24 (2000), 599–606.
- Elizabeth Ann Housworth, Escape rate for 2-dimensional Brownian motion conditioned to be transient with application to Zygmund functions, *Transactions of the American Mathematical Society* 343 (1994), 843–852.

- Zhangjian Hu, On analytic Besov functions, *Mathematica Japonica* 42 (1995), 53–58.
- Jinjin Huang and Lei Qiao, The Dirichlet problem on the upper half-space, *Abstract and Applied Analysis* (2012), <https://doi.org/10.1155/2012/203096>, 5 pages.
- Sui Huang and Yan He, Bergman-type Toeplitz operators on Dirichlet space, *Acta Mathematica Sinica. Chinese Series* 56 (2013), 951–956.
- Xinzhong Huang, Harmonic quasiconformal mappings on the upper half-plane, *Complex Variables and Elliptic Equations* 58 (2013), 1005–1011.
- Ritva Hurri, Poincaré domains in \mathbf{R}^n , *Academiae Scientiarum Fennicæ Annales Mathematica Dissertationes* 71 (1988).
- In Sung Hwang, Hyponormal Toeplitz operators on the Bergman space, *Journal of the Korean Mathematical Society* 42 (2005), 387–403.
- In Sung Hwang, Hyponormality of Toeplitz operators on the Bergman space, *Journal of the Korean Mathematical Society* 358 (2009), 364–379.
- Lewis Hyatt, Final E- and B-Mode CMB Polarization Power Spectrum Results from the CAPMAP Experiment, PhD thesis, Princeton University, 2008.
- Yujiro Ishikawa, Mitsuru Nakai, and Toshimasa Tada, A form of classical Picard principle, *Japan Academy. Proceedings. Series A. Mathematical Sciences* 72 (1996), 6–7.
- Josh Isralowitz, Compact Toeplitz operators on the Segal-Bargmann space, *Journal of Mathematical Analysis and Applications* 374 (2011), 554–557.
- Hassan Issa, Compact Toeplitz operators for weighted Bergman spaces on bounded symmetric domains, *Integral Equations and Operator Theory* 70 (2011), 569–582.
- O. V. Ivanov, Fatou's theorem on angular limits and problems of extendibility to the ideal boundary (Russian), *Zap. Nauchn. Sem. Leningrad. Otdel. Mat. Inst. Steklov.* 190 (1991), 101–109.
- O. V. Ivanov, Fatou's theorem on nontangential limits and problems of extension to an ideal boundary, *Journal of Mathematical Sciences* 71 (1994), 2234–2239.
- O. V. Ivanov, Structure of Banach algebras of bounded continuous functions in the open disk, which contain H^∞ , Hoffman algebra, and nontangential limits, *Ukrainian Mathematical Journal* 45 (1993), 1023–1030.
- O. V. Ivanov, Banach algebras of bounded continuous functions in the open disk containing H^∞ and nontangential limits, *Dopov./Dokl. Akad. Nauk Ukrainsk.* 8 (1993), 29–32.
- O. V. Ivanov, A problem of Axler and Shields on nontangential limits and maximal ideal space of some pseudoanalytic algebras, *Methods of approximation theory in complex analysis and mathematical physics*, Springer, 1993, 157–159.
- Keiji Izuchi, A function theoretic proof of Axler's zero multiplier theorem, *Canadian Mathematical Bulletin* 31 (1988), 117–120.
- Keiji Izuchi, A geometrical characterization of singly generated Douglas algebras, *Proceedings of the American Mathematical Society* 97 (1986), 410–412.

- Keiji Izuchi, Analysis on sparse parts in the maximal ideal space of H^∞ , *Canadian Journal of Mathematics* 44 (1992), 805–823.
- Keiji Izuchi, Exposed and strongly exposed points in quotient spaces of Douglas algebras, *Bulletin of the Polish Academy of Sciences. Mathematics* 32 (1984), 425–431.
- Keiji Izuchi, Extreme points in unit balls of quotients of L^∞ by Douglas algebras, *Illinois Journal of Mathematics* 30 (1986), 138–147.
- Keiji Izuchi, Factorization of Blaschke products, *Michigan Mathematical Journal* 40 (1993), 53–75.
- Keiji Izuchi, Interpolating Blaschke products and factorization theorems, *Journal of the London Mathematical Society* 50 (1994), 547–567.
- Keiji Izuchi, Interpolating sequences in a homeomorphic part of H^∞ , *Proceedings of the American Mathematical Society* 111 (1991), 1057–1065.
- Keiji Izuchi, Interpolating sequences in the maximal ideal space of H^∞ , *Journal of the Mathematical Society of Japan* 43 (1991), 721–731.
- Keiji Izuchi, Interpolating sequences in the maximal ideal space of H^∞ II, *Operator Theory: Advances and Applications* 59 (1992), 221–233.
- Keiji Izuchi, On ideals in H^∞ whose closures are intersections of maximal ideals, *Michigan Mathematical Journal* 50 (2002), 3–16.
- Keiji Izuchi, QC-level sets and quotients of Douglas algebras, *Journal of Functional Analysis* 65 (1986), 293–308.
- Keiji Izuchi and Yoko Izuchi, Annihilating measures for Douglas algebras, *Yokohama Mathematical Journal* 32 (1984), 135–151.
- Keiji Izuchi and Yoko Izuchi, Extreme and exposed points in quotients of Douglas algebras by H^∞ or $H^\infty + C$, *Yokohama Mathematical Journal* 32 (1984), 45–54.
- Keiji Izuchi and Yoko Izuchi, Inner functions and division in Douglas algebras, *Michigan Mathematical Journal* 33 (1986), 435–443.
- Keiji Izuchi and Yoko Izuchi, Inner functions and division in Douglas algebras II, *Journal of the London Mathematical Society* 38 (1988), 146–152.
- Keiji Izuchi and Shuichi Ohno, Restricted left invertible Toeplitz operators on multiply connected domains, *Proceedings of the American Mathematical Society* 100 (1987), 127–132.
- Keiji Izuchi and Rahman Younis, On the quotient space of two Douglas algebras, *Mathematica Japonica* 31 (1986), 399–406.
- Alexander J. Izzo, A characterization of $C(K)$ among the uniform algebras containing $A(K)$, *Indiana University Mathematics Journal* 46 (1997), 771–788.
- Alexander J. Izzo, Algebras containing bounded holomorphic functions, *Indiana University Mathematics Journal* 52 (2003), 1305–1342.

- Alexander John Izzo, *Uniform Algebras Generated by Holomorphic and Harmonic Functions of One and Several Complex Variables*, PhD thesis, University of California, Berkeley, 1989.
- Alexander J. Izzo, Uniform algebras generated by holomorphic and pluriharmonic functions, *Transactions of the American Mathematical Society* 339 (1993), 835–847.
- Alexander J. Izzo, Uniform algebras generated by holomorphic and pluriharmonic functions on strictly pseudoconvex domains, *Pacific Journal of Mathematics* 171 (1995), 429–436.
- Alexander J. Izzo, Uniform approximation by holomorphic and harmonic functions, *Journal of the London Mathematical Society* 47 (1993), 129–141.
- Jiří Jahn, On asymptotic expansion of the harmonic Berezin transform on the half-space, *Journal of Mathematical Analysis and Applications* 405 (2013), 720–730.
- Emilia Jakimowicz and Adam Miranowicz (editors), *Stefan Banach: Remarkable Life, Brilliant Mathematics*, Gdańsk University Press, 2011.
- Svante Janson, Hankel operators between weighted Bergman spaces, *Arkiv för Matematik* 26 (1988), 205–219.
- Svante Janson, Hankel operators on Bergman spaces with change of weight, *Mathematica Scandinavica* 71 (1992), 267–276.
- Svante Janson, Jaak Peetre, and Richard Rochberg, Hankel forms and the Fock space, *Revista Matemática Iberoamericana* 3 (1987), 61–138.
- David Jerison, The Poincaré inequality for vector fields satisfying Hörmander's condition, *Duke Mathematical Journal* 53 (1986), 503–523.
- Miroljub Jevtić, Fixed points of an integral operator, *Journal d'Analyse Mathématique* 91 (2003), 123–141.
- Miroljub Jevtić, and Miroslav Pavlović, A note on hyperharmonic and polyharmonic functions, *Journal of Mathematical Analysis and Applications* 296 (2004), 276–285.
- Miroljub Jevtić and Miroslav Pavlović, Harmonic Besov spaces on the unit ball in \mathbf{R}^n , *Rocky Mountain Journal of Mathematics* 31 (2001), 1305–1316.
- Miroljub Jevtić and Miroslav Pavlović, Series expansion and reproducing kernels for hyperharmonic functions, *Journal of Mathematical Analysis and Applications* 264 (2001), 673–681.
- Qingtang Jiang and Lizhong Peng, Toeplitz and Hankel type operators on an annulus, *Mathematika* 41 (1994), 266–276.
- Qingtang Jiang and Lizhong Peng, Toeplitz–Hankel type operators on Dirichlet spaces, *Integral Equations and Operator Theory* 23 (1995), 336–352.
- S. Jitomirskaya and C. A. Marx, Continuity of the Lyapunov exponent for analytic quasi-periodic cocycles with singularities, *Journal of Fixed Point Theory and Applications* 10 (2011), 129–146.
- William Johnston and Alex McAllister, *A Transition to Advanced Mathematics*, Oxford University Press, 2009.

- Peter W. Jones, Estimates for the corona problem, *Journal of Functional Analysis* 39 (1980), 162–181.
- Enrique Jordá and Ana María Zarco, Isomorphisms on weighted Banach spaces of harmonic and holomorphic functions, *Journal of Function Spaces and Applications* 2013 (2013), <https://doi.org/10.1155/2013/178460>, 6 pages.
- Mirjana Jovovic, Compact Hankel operators on harmonic Bergman spaces, *Integral Equations and Operator Theory* 22 (1995), 295–304.
- Mirjana Jovovic, *Hankel operators on Harmonic Bergman spaces*, PhD thesis, Michigan State University, 1994.
- Mirjana Jovovic and Dechao Zheng, Compact operators and Toeplitz algebras on multiply-connected domains, *Journal of Functional Analysis* 261 (2011), 25–50.
- Ruben Juanes and Tadeusz W. Patzek, Analytical solution to the Riemann problem of three-phase flow in porous media, *Transport in Porous Media* 55 (2004), 47–70.
- Ruben Juanes and Tadeusz W. Patzek, Relative permeabilities for strictly hyperbolic models of three-phase flow in porous media, *Transport in Porous Media* 57 (2004), 125–152.
- Ralf Kaiser and Hannes Uecker, Well-posedness of some initial-boundary-value problems for dynamo-generated poloidal magnetic fields, *Proceedings of the Royal Society of Edinburgh* 139 (2009), 1209–1235.
- David Kalaj, A priori estimate of gradient of a solution of a certain differential inequality and quasiconformal mappings, *Journal d'Analyse Mathématique* 119 (2013), 63–88.
- David Kalaj, Estimates of gradient and of Jacobian of harmonic mappings defined in the unit disk, *Proceedings of the American Mathematical Society* 139 (2011), 2463–2472.
- David Kalaj, Invertible harmonic mappings beyond the Kneser theorem and quasiconformal harmonic mappings, *Studia Mathematica* 207 (2011), 117–136.
- David Kalaj, On an integral inequality and application to Poisson's equation, *Applied Mathematics Letters* 23 (2010), 1016–1020.
- David Kalaj, On harmonic diffeomorphisms of the unit disc onto a convex domain, *Complex Variables Theory and Application* 48 (2003), 175–187.
- David Kalaj, On the quasiconformal self-mappings of the unit ball satisfying the Poisson differential equations, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 36 (2011), 177–194.
- David Kalaj, On the univalent solution of PDE $\Delta u = f$ between spherical annuli, *Journal of Mathematical Analysis and Applications* 327 (2007), 1–11.
- David Kalaj and Marijan Marković, Optimal estimates for harmonic functions in the unit ball, *Positivity* 16 (2012), 771–782.
- David Kalaj and Marijan Marković, Optimal estimates for the gradient of harmonic functions in the unit disk, *Complex Analysis and Operator Theory* 7 (2013), 1167–1183.

- David Kalaj and Miodrag S. Mateljević, Harmonic quasiconformal self-mappings and Möbius transformations of the unit ball, *Pacific Journal of Mathematics* 247 (2010), 389–406.
- David Kalaj and Romeo Meštrović, Isoperimetric type inequalities for harmonic functions, *Journal of Mathematical Analysis and Applications* 373 (2011), 439–448.
- David Kalaj and Miroslav Pavlović, Boundary correspondence under quasiconformal harmonic diffeomorphisms of a half-plane, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 30 (2005), 159–165.
- David Kalaj and Miroslav Pavlović, On quasiconformal self-mappings of the unit disk satisfying Poisson's equation, *Transactions of the American Mathematical Society* 363 (2011), 4043–4061.
- David Kalaj and Matti Vuorinen, On harmonic functions and the Schwarz lemma, *Proceedings of the American Mathematical Society* 140 (2012), 161–165.
- German A. Kalugin, David J. Jeffrey, Robert M. Corless, and Peter B. Borwein, Stieltjes and other integral representations for functions of Lambert W , *Integral Transforms and Special Functions* 23 (2012), 581–593.
- Hyeonbae Kang and Hyungwoon Koo, Estimates of the harmonic Bergman kernel on smooth domains, *Journal of Functional Analysis* 185 (2001), 220–239.
- Si Ho Kang, Boundedness and compactness of some Toeplitz operators, *Journal of the Chungcheong Mathematical Society* 26 (2013), 467–475.
- Si Ho Kang, Compact Toeplitz operators, *Honam Mathematical Journal* 35 (2013), 343–350.
- Si Ho Kang, Some Toeplitz operators on weighted Bergman spaces, *Bulletin of the Korean Mathematical Society* 48 (2011), 141–149.
- H. Turgay Kaptanoğlu, Carleson measures for Besov spaces on the ball with applications, *Journal of Functional Analysis* 250 (2007) 483–520.
- Mubariz T. Karaev, On some problems related to Berezin symbols, *Comptes Rendus Mathématique. Académie des Sciences. Paris* 340 (2005), 715–718.
- Mubariz T. Karaev and Mehmet Gürdal, On the Berezin symbols and Toeplitz operators, *Extracta Mathematicae* 25 (2010), 83–102.
- M. T. Karaev and S. Saltan, Some results on Berezin symbols, *Complex Variables Theory and Application* 50 (2005), 185–193.
- A. N. Karapetyants, The space $\text{BMO}_\lambda^p(\mathbb{D})$, compact Toeplitz operators with $\text{BMO}_\lambda^1(\mathbb{D})$ symbols on weighted Bergman spaces, and the Berezin transform, *Russian Mathematics (Izvestiya VUZ. Matematika)* 50 (2006), 71–74.
- Lavi Karp, Global solutions to bubble growth in porous media, *Journal of Mathematical Analysis and Applications* 382 (2011) 132–139.
- Kazuhiro Kasuga, Examples of compact Toeplitz operators on the Bergman space, *Hokkaido Mathematical Journal* 30 (2001), 697–703.
- Richard Kaye and Robert Wilson, *Linear Algebra*, Oxford University Press, 1998.

- B. N. Khabibullin, Zero sequences of holomorphic functions, representation of meromorphic functions, and harmonic minorants, *Sbornik Mathematics* 198 (2007), 262–298.
- Roshdi Khalil, Best approximation in vector valued function spaces, *Revista Colombiana de Matemáticas* 19 (1985), 313–322.
- Roshdi Khalil and Fatima Ali, Toeplitz operators on Banach spaces, *Bollettino della Unione Matematica Italiana*. 6 (1983), 229–239.
- D. Khavinson, A note on Toeplitz operators, *Banach Spaces* (N. Kalton and E. Saab, editors), Springer Lecture Notes in Mathematics, 1985, 89–94.
- Dmitry Khavinson, Erik Lundberg, and Razvan Teodorescu, An overdetermined problem in potential theory, *Pacific Journal of Mathematics* 265 (2013), 85–111.
- Arkady L. Kholodenko, Boundary conformal field theories, limit sets of Kleinian groups and holography, *Journal of Geometry and Physics* 35 (2000), 193–238.
- Dong-Soo Kim and Young Ho Kim, Some characterizations of spheres and elliptic paraboloids II, *Linear Algebra and its Applications* 438 (2013), 1356–1364.
- In-Jae Kim and Bryan L. Shader, On Fiedler- and Parter-vertices of acyclic matrices, *Linear Algebra and its Applications* 428 (2008), 2601–2613.
- Sumin Kim and Jongrak Lee, Normal Toeplitz operators on the Bergman space, *Mathematics* 8 (2020), article 1463.
- Sun-Chul Kim and Hisashi Okamoto, Uniqueness of the exact solutions of the Navier-Stokes equations having null nonlinearity, *Proceedings of the Royal Society of Edinburgh* 136 (2006), 1303–1315.
- Yong Chan Kim, S. Ponnusamy, and Toshiyuki Sugawara, Mapping properties of nonlinear integral operators and pre-Schwarzian derivatives, *Journal of Mathematical Analysis and Applications* 299 (2004), 433–447.
- Miljan Knežević and Miodrag Mateljević, *Journal of Mathematical Analysis and Applications* 334 (2007), 404–413.
- Şahin Koçak and Yunus Özdemir, Strong 2-calibrations on \mathbf{R}^{2n} , *Kodai Mathematical Journal* 34 (2011), 31–41.
- Vesna Kojić and Miroslav Pavlović, Subharmonicity of $|f|^p$ for quasiregular harmonic functions, with applications, *Journal of Mathematical Analysis and Applications* 342 (2008), 742–746.
- Hyungwoon Koo, Kyesook Nam, and Heungsu Yi, Weighted harmonic Bergman kernel on half-spaces, *Journal of the Mathematical Society of Japan* 58 (2006), 351–362.
- Boris Korenblum and Kehe Zhu, An application of Tauberian theorems to Toeplitz operators, *Journal of Operator Theory* 33 (1995), 353–361.
- T. W. Körner, *Vectors, Pure and Applied: A General Introduction to Linear Algebra*, Cambridge University Press, 2013.

- Sherwin Kouchekian, The density problem for unbounded Bergman operators, *Integral Equations and Operator Theory* 45 (2003), 319–342.
- Ognyan Kounchev and Hermann Render, A moment problem for pseudo-positive definite functionals, *Arkiv för Matematik* 48 (2010), 97–120.
- O. Kounchev and H. Render, Cardinal interpolation with polysplines on annuli *Journal of Approximation Theory* 137 (2005), 89–107.
- Ognyan Kounchev and Hermann Render, Polyharmonic functions of infinite order on annular regions, *Tohoku Mathematical Journal* 65 (2013), 199–229.
- Ognyan Kounchev and Hermann Render, Polyharmonic Hardy spaces on the complexified annulus and error estimates of cubature formulas, *Results in Mathematics* 62 (2012), 377–403.
- Ognyan Kounchev and Hermann Render, Polyharmonicity and algebraic support of measures, *Hiroshima Mathematical Journal* 37 (2007), 25–44.
- Wojciech Kozłowski, Laplace type operators: Dirichlet problem, *Annali della Scuola Normale Superiore di Pisa* 6 (2007), 53–80.
- Min Ku and Uwe Kähler, Riemann boundary value problems on half space in Clifford analysis, *Mathematical Methods in the Applied Sciences* 35 (2012), 2141–2156.
- Min Ku, Uwe Kähler, and Daoshun Wang, Half Dirichlet problem for the Hölder continuous matrix functions in Hermitian Clifford analysis, *Complex Variables and Elliptic Equations* 58 (2013), 1037–1056.
- Min Ku and Daoshun Wang, Half Dirichlet problem for matrix functions on the unit ball in Hermitian Clifford analysis, *Journal of Mathematical Analysis and Applications* 374 (2011), 442–457.
- James Kuelbs and Wenbo Li, A functional LIL for stochastic integrals and the Lévy area process, *Journal of Theoretical Probability* 18 (2005), 261–290.
- E. G. Kwon, A characterization of Bloch space and Besov space, *Journal of Mathematical Analysis and Applications* 324 (2006), 1429–1437.
- Michael T. Lacey, Stefanie Petermichl, Jill C. Pipher, and Brett D. Wick, Multiparameter Riesz commutators, *American Journal of Mathematics* 131 (2009), 731–769.
- Stefano Lanzeni, Enza Messina, and Francesco Archetti, Graph models and mathematical programming in biochemical network analysis and metabolic engineering design, *Computers & Mathematics with Applications* 55 (2008), 970–983.
- Hanzel Larez and Hugo Leiva, Interior controllability of a 2×2 reaction-diffusion system with cross-diffusion matrix, *Boundary Value Problems* 2009, <https://doi.org/10.1155/2009/560407>, 9 pages.
- Peter D. Lax, *Linear Algebra*, Wiley, 1997.
- Trieu Le, On Toeplitz operators on Bergman spaces of the unit polydisk, *Proceedings of the American Mathematical Society* 138 (2010), 275–285.

- Trieu Le, The commutants of certain Toeplitz operators on weighted Bergman spaces, *Journal of Mathematical Analysis and Applications* 348 (2008), 1–11.
- Trieu Le, Toeplitz operators on radially weighted harmonic Bergman spaces, *Journal of Mathematical Analysis and Applications* 396 (2012), 164–172.
- Trieu Le and Damith Thilakarathna, Finite rank perturbations of Toeplitz products on the Bergman space, *Journal of Functional Analysis* 280 (2021),
<https://doi.org/10.1016/j.jfa.2020.108850>, 19 pages.
- Emile LeBlanc, A probabilistic zero set condition for the Bergman space, *Michigan Mathematical Journal* 37 (1990), 427–438.
- Juliette Leblond, Cristina Paduret, Stéphane Rigat, and Meriem Zghal, Source localization in ellipsoids by the best meromorphic approximation in planar sections, *Inverse Problems* 24 (2008), 035017.
- Jaroslaw Lech, Essentially normal multiplication operators on the Dirichlet space, *Michigan Mathematical Journal* 42 (1995), 127–140.
- Jaroslaw Lech, *Essentially Normal Multiplication Operators on the Dirichlet Space*, PhD thesis, Michigan State University, 1995.
- Jaesung Lee, A characterization of \mathcal{M} -harmonicity, *Bulletin of the Korean Mathematical Society* 47 (2010), 113–119.
- Jaesung Lee, Weighted Berezin transform in the polydisc, *Journal of Mathematical Analysis and Applications* 338 (2008), 1489–1493.
- Young Joo Lee, Algebraic properties of Toeplitz operators on the Dirichlet space, *Journal of Mathematical Analysis and Applications* 329 (2007), 1316–1329.
- Young Joo Lee, Commuting Toeplitz operators on the Hardy space of the polydisk, *Proceedings of the American Mathematical Society* 138 (2010), 189–197.
- Young Joo Lee, Compact radial operators on the harmonic Bergman space, *Journal of Mathematics of Kyoto University* 44 (2004), 769–777.
- Young Joo Lee, Finite sums of Toeplitz products on the Dirichlet space, *Journal of Mathematical Analysis and Applications* 357 (2009), 504–515.
- Young Joo Lee, Pluriharmonic symbols of commuting Toeplitz type operators, *Bulletin of the Australian Mathematical Society* 54 (1996), 67–77.
- Young Joo Lee and Kehe Zhu, Some differential and integral equations with applications to Toeplitz operators, *Integral Equations and Operator Theory* 44 (2002), 466–479.
- Man Chun Leung, Supported blow-up and prescribed scalar curvature on S^n , *Memoirs of the American Mathematical Society* 213 (2011).
- Lionel Levine and Yuval Peres, Scaling limits for internal aggregation models with multiple sources, *Journal d'Analyse Mathématique* 111 (2010), 151–219.
- Bo Li, The Berezin transform and Laplace-Beltrami operator, *Journal of Mathematical Analysis and Applications* 327 (2007), 1155–1166.

- Chun Li and Zhijian Wu, Hankel operators on Clifford valued Bergman space, *Contemporary Mathematics* 212 (1998), 143-155.
- Dan Li and Congwen Liu, The mean-value property and (α, β) -harmonicity, *Journal of the Australian Mathematical Society* 91 (2011), 189-206.
- Fengying Li, Essential norm of Toeplitz operators and Hankel operators on the weighted Bergman space, *Integral Equations and Operator Theory* 75 (2013), 517-525.
- Huiping Li, Compact Hankel operators on multiply-connected domains, *Journal of Mathematical Analysis and Applications* 171 (1992), 588-592.
- Huiping Li, Hankel operators on the Bergman space of multiply-connected domains, *Journal of Operator Theory* 28 (1992), 321-335.
- Huiping Li, Hankel operators on the Bergman space of the unit polydisc, *Proceedings of the American Mathematical Society* 120 (1994), 1113-1121.
- Ling Li and Hsuan-Tien Lin, Optimizing 0/1 loss for perceptrons by random coordinate descent, *International Joint Conference on Neural Networks, IEEE* 2007, 749-754.
- Song Xiao Li and Jun Yun Hu, Compact operators on Bergman spaces of the unit ball, *Acta Mathematica Sinica. Chinese Series* 47 (2004), 837-844.
- Huiping Li and Daniel H. Luecking, BMO on strongly pseudoconvex domains: Hankel operators, duality, and $\bar{\partial}$ -estimates, *Transactions of the American Mathematical Society* 346 (1994), 661-691.
- Xinfu Li and Guanxiang Wang, Blow up of solutions to nonlinear wave equation in 2D exterior domains, *Archiv der Mathematik* 98 (2012), 265-275.
- Zhongyi Li and Hao Wang, Interactive tooth separation from dental model using segmentation field, *PLOS ONE* (2016), <https://doi.org/10.1371/journal.pone.0161159>, 16 pages.
- Li Liangpan, Nonexistence of local minima of supersolutions for the polyharmonic problems, *Mathematische Nachrichten* 281 (2008) 710-714.
- Huang Lifeng, The ideals in the Banach algebra H^∞ , *Acta Mathematica Sinica (English series)* 2 (1986), 270-279.
- HongZhao Lin and YuFeng Lu, Toeplitz operators on the Dirichlet space of \mathbb{B}_n , *Abstract and Applied Analysis* (2012), <https://doi.org/10.1155/2012/958201>, 21 pages.
- Runchang Lin and Zhimin Zhang, Natural superconvergence points in three-dimensional finite elements, *SIAM Journal on Numerical Analysis* 46 (2008), 1281-1297.
- Bruce G. Lindsay, Marianthi Markatou, Surajit Ray, Ke Yang, and Shu-Chuan Chen, Quadratic distances on probabilities: A unified foundation, *Annals of Statistics* 36 (2008), 983-1006.
- Congwen Liu, A “deformation estimate” for the Toeplitz operators on harmonic Bergman spaces, *Proceedings of the American Mathematical Society* 135 (2007), 2867-2876.
- Congwen Liu and Lizhong Peng, Generalized Helgason-Fourier transforms associated to variants of the Laplace-Beltrami operators on the unit ball in \mathbb{R}^n , *Indiana University Mathematics Journal* 58 (2009), 1457-1491.

- Maribel Loaiza, On the algebra generated by the harmonic Bergman projection and operators of multiplication by piecewise continuous functions, *Boletín Sociedad Matemática Mexicana* 10 (2004), 179–193.
- Maribel Loaiza, Marcos López-García, and Salvador Pérez-Esteva, Herz classes and Toeplitz operators in the disk, *Integral Equations and Operator Theory* 53 (2005), 287–296.
- Maribel Loaiza and Carmen Lozano, On C^* -algebras of Toeplitz operators on the harmonic Bergman space, *Integral Equations and Operator Theory* 76 (2013), 105–130.
- Jean-Jacques Loeb, Applications harmoniques et hyperbolité de domaines tubes, *L'Enseignement Mathématique* 53 (2007), 347–367.
- Pinhong Long and Guantie Deng, Some properties for a subfunction associated with the stationary Schrödinger operator in a cone, *Journal of Inequalities and Applications* 2012, <https://doi.org/10.1186/1029-242X-2012-295>, 20 pages.
- Marcos López-García, An atomic decomposition for the Bergman space of temperature functions on a cylinder, *Boletín Sociedad Matemática Mexicana* 11 (2005), 101–119.
- Zenjian Lou, On a conjecture of S. Axler, *Mathematica Japonica* 40 (1994), 173–177.
- Issam Louhichi, Powers and roots of Toeplitz operators, *Proceedings of the American Mathematical Society* 135 (2007), 1465–1475.
- Issam Louhichi and Anders Olofsson, Characterizations of Bergman space Toeplitz operators with harmonic symbols, *Journal für die Reine und Angewandte Mathematik* 617 (2008), 1–26.
- I. Louhichi and N. V. Rao, Bicommutants of Toeplitz operators, *Archiv der Mathematik* 91 (2008), 256–264.
- Issam Louhichi, Nagisetti V. Rao, and Abdel Yousef, Two questions on products of Toeplitz operators on the Bergman space, *Complex Analysis and Operator Theory* 3 (2009), 881–889.
- Issam Louhichi, Elizabeth Strouse, and Lova Zakariasy, Products of Toeplitz operators on the Bergman space, *Integral Equations and Operator Theory* 54 (2006), 525–539.
- Issam Louhichi and Lova Zakariasy, On Toeplitz operators with quasihomogeneous symbols, *Archiv der Mathematik* 85 (2005), 248–257.
- Xiao Fen Lü and Zhang Jian Hu, Schatten (-Herz) classes of Toeplitz operators on weighted Bergman spaces, *Acta Mathematica Sinica. Chinese Series* 53 (2010), 699–716.
- Yufeng Lu, Commuting dual Toeplitz operators with pluriharmonic symbols, *Journal of Mathematical Analysis and Applications* 302 (2005), 149–156.
- Yufeng Lu, Localization of Toeplitz operators on Bergman space, *Northeastern Mathematical Journal* 17 (2001), 461–468.
- Yufeng Lu and Chaomei Liu, Commutativity and hyponormality of Toeplitz operators on the weighted Bergman space, *Journal of the Korean Mathematical Society* 46 (2009), 621–642.
- Yufeng Lu, Chaomei Liu, and Jun Yang, Commutativity of k th-order slant Toeplitz operators, *Mathematische Nachrichten* 283 (2010), 1304–1313.

- Yu Feng Lu and Shu Xia Shang, Commuting dual Toeplitz operators on the polydisk, *Acta Mathematica Sinica (English Series)* 23 (2007), 857–868.
- Yu Feng Lu and Jun Yang, Berezin transform and Hankel products on the weighted Bergman space A_α^2 , *Acta Mathematica Sinica. Chinese Series* 52 (2009), 665–676.
- Yu Feng Lu and Jun Yang, Commuting dual Toeplitz operators on weighted Bergman spaces of the unit ball, *Acta Mathematica Sinica (English Series)* 27 (2011), 1725–1742.
- Daniel H. Luecking, Characterizations of certain classes of Hankel operators on the Bergman spaces of the unit disk, *Journal of Functional Analysis* 110 (1992), 247–271.
- Daniel H. Luecking, Multipliers of Bergman spaces into Lebesgue spaces, *Proceedings of the Edinburgh Mathematical Society* 29 (1986), 125–131.
- Daniel H. Luecking, The compact operators form an M -ideal in the space of Hankel operators, *Proceedings of the American Mathematical Society* 79 (1980), 222–224.
- Daniel H. Luecking and Rahman M. Younis, Quotients of L^∞ by Douglas algebras and best approximation, *Transactions of the American Mathematical Society* 276 (1983), 699–706.
- Jaroslav Lukeš and Ivan Netuka, Extreme harmonic functions on a ball, *Expositiones Mathematicae* 22 (2004), 83–91.
- Tomasz Luks, Boundary behavior of α -harmonic functions on the complement of the sphere and hyperplane, *Potential Analysis* 39 (2013), 29–67.
- Tomasz Luks, Hardy spaces for the Laplacian with lower order perturbations, *Studia Mathematica* 204 (2011), 39–62.
- Erik Lundberg and Hermann Render, The Khavinson-Shapiro conjecture and polynomial decompositions, *Journal of Mathematical Analysis and Applications* 376 (2011), 506–513.
- Wolfgang Lusky, Toeplitz operators on generalized Bergman-Hardy spaces, *Mathematica Scandinavica* 88 (2001), 96–110.
- Wolfgang Lusky and Jari Taskinen, Toeplitz operators on Bergman spaces and Hardy multipliers, *Studia Mathematica* 204 (2011), 137–154.
- Xiaofen Lv and Zhangjian Hu, Schatten-Herz class Toeplitz operators on harmonic Bergman spaces of smooth domains in \mathbf{R}^n , *Mathematische Nachrichten* 286 (2013), 248–259.
- Russell Lyons and Kevin Zumbrun, Homogeneous partial derivatives of radial functions, *Proceedings of the American Mathematical Society* 121 (1994), 315–316.
- G. Łysik, On the mean value property for polyharmonic functions, *Acta Mathematica Hungarica* 133 (2011), 133–139.
- Barbara MacCluer and Karen Saxe, Spectra of composition operators on the Bloch and Bergman spaces, *Israel Journal of Mathematics* 128 (2002), 325–354.
- C. R. MacCluer, *Boundary Value Problems and Orthogonal Expansions*, IEEE Press, 1994.
- Blair F. Madore and Rubén A. Martínez-Avendaño, Subspace hypercyclicity, *Journal of Mathematical Analysis and Applications* 373 (2011) 502–511.

- Sridhar Mahadevan, Proto-value functions: developmental reinforcement learning, *Association for Computing Machinery International Conference Proceedings* 119 (2005), 553–560.
- Carmen H. Mancera and Pedro J. Paúl, On Pták’s generalization of Hankel operators, *Czechoslovak Mathematical Journal* 51(126) (2001), 323–342.
- Carmen H. Mancera and Pedro J. Paúl, Properties of generalized Toeplitz operators, *Integral Equations and Operator Theory* 40 (2001), 106–126.
- Donald Eddy Marshall, *Approximation and Interpolation by Inner Functions*, PhD thesis, UCLA, 1976.
- Donald E. Marshall, Subalgebras of L^∞ containing H^∞ , *Acta Mathematica* 137 (1976), 91–98.
- Mircea Martin and Mihai Putinar, *Lectures on Hyponormal Operators*, Birkhäuser, 1989.
- Nicholas A. Martin, The difference quotient operator, *Publicationes Mathematicae Debrecen* 45 (1994), 167–175.
- Rubén A. Martínez-Avendaño and Peter Rosenthal, *An Introduction to Operators on the Hardy-Hilbert Space*, Springer, 2007.
- Ahmad A. Masoud, A discrete harmonic potential field for optimum point-to-point routing on a weighted graph, *Proceedings of the 2006 IEEE/RSJ International Conference on Intelligent Robots and Systems* 2006, 1779–1784.
- Ahmad A. Masoud, A harmonic potential field approach for joint planning and control of a rigid, separable nonholonomic, mobile robot, *Robotics and Autonomous Systems* 61 (2013), 593–615.
- Ahmad A. Masoud, A hybrid, PDE-ODE controller for intercepting an intelligent, well-informed target in a stationary, cluttered environment, *Proceedings of the 44th IEEE Conference on Decision and Control, and the European Control Conference*, IEEE, 2005, 102–107.
- Ahmad Masoud, Agile, steady response of inertial, constrained holonomic robots using nonlinear, anisotropic dampening forces, *Proceedings of the 45th IEEE Conference on Decision & Control*, IEEE, 2006, 6167–6172.
- Ahmad Masoud, Kino-dynamic, harmonic, potential-based motion planning, *Proceedings of the 2006 IEEE/RSJ International Conference on Intelligent Robots and Systems* 2006, 4839–4844.
- M. Mateljević, and M. Vuorinen, On harmonic quasiconformal quasi-isometries, *Journal of Inequalities and Applications* 2010, <https://doi.org/10.1155/2010/178732>, 19 pages.
- Laurent Mazet, The Plateau problem at infinity for horizontal ends and genus 1, *Indiana University Mathematics Journal* 55 (2006), 15–64.
- John E. McCarthy and Liming Yang, Bounded point evaluations on the boundaries of L regions, *Indiana University Mathematics Journal* 43 (1994), 857–883.
- David B. McDonald and Daizaburo Shizuka, Comparative transitive and temporal orderliness in dominance networks, *Behavioral Ecology* 24 (2013), 511–520.
- Paul McGuire, C^* -algebras generated by subnormal operators, *Journal of Functional Analysis* 79 (1988), 423–445.

- William A. McWorter, Jr. and Leroy F. Meyers, Computing eigenvalues without determinants, *Mathematics Magazine* 71 (1998), 24–33.
- Petar Melentijević, A proof of the Khavinson conjecture in \mathbb{R}^3 , *Advances in Mathematics* 352 (2019), 1044–1065.
- Alem Memić, A reproducing kernel for a Hilbert space related to harmonic Bergman space on a domain outside compact set, *Turkish Journal of Mathematics* 38 (2014), 311–317.
- V. A. Menegatto and C. P. Oliveira, Orthogonal bases for space of complex spherical harmonics, *Journal of Applied Analysis* 11 (2005), 113–132.
- V. A. Menegatto and A. C. Piantella, Convergence for summation methods with multipliers on the sphere, *Numerical Functional Analysis and Optimization* 31 (2010), 738–753.
- V. A. Menegatto and A. C. Piantella, Old and new on the Laplace-Beltrami derivative, *Numerical Functional Analysis and Optimization* 32 (2011), 309–341.
- G. Mengotti, Duality theorems for certain analytic spaces on the minimal ball, *Archiv der Mathematik* 75 (2000), 389–394.
- G. Mengotti, The Bloch space for the minimal ball, *Studia Mathematica* 148 (2001), 131–142.
- Jie Miao, Commutators on bounded symmetric domains in \mathbb{C}^n , *Contemporary Mathematics* 321 (2003), 181–195.
- Jie Miao, Commutators on half-spaces, *Integral Equations and Operator Theory* 48 (2004), 249–264.
- Jie Miao, Hankel operators on harmonic Bergman spaces of the unit ball, *Acta Scientiarum Mathematicarum (Szeged)* 69 (2003), 391–408.
- Jie Miao, Hankel type operators on the unit disk, *Studia Mathematica* 146 (2001), 55–68.
- Jie Miao, Reproducing kernels for harmonic Bergman spaces of the unit ball, *Monatshefte für Mathematik* 125 (1998), 25–35.
- Jie Miao, Schatten class Hankel operators on the harmonic Bergman space of the unit ball, *Integral Equations and Operator Theory* 59 (2007), 53–65.
- Jie Miao, Toeplitz operators on harmonic Bergman spaces, *Integral Equations and Operator Theory* 27 (1997), 426–438.
- Jie Miao, *Toeplitz Operators on Harmonic Bergman Spaces*, PhD thesis, Michigan State University, 1997.
- Jie Miao, Toeplitz operators with bounded radial symbols on the harmonic Bergman space of the unit ball, *Acta Scientiarum Mathematicarum (Szeged)* 63 (1997), 639–645.
- Jie Miao and Dechao Zheng, Compact operators on Bergman spaces, *Integral Equations and Operator Theory* 48 (2004), 61–79.
- L. Mihaylova, J. De Schutter, and H. Bruyninckx, A multisine approach for trajectory optimization based on information gain, *Robotics and Autonomous Systems* 43 (2003), 231–243.

- Thomas L. Miller, Robert F. Olin, and James E. Thomson, Subnormal operators and representations of algebras of bounded analytic functions and other uniform algebras, *Memoirs of the American Mathematical Society* 63 (1986), no. 354.
- Vincent Minerbe, Rigidity for multi-Taub-NUT metrics, *Journal für die Reine und Angewandte Mathematik* 656 (2011) 47–58.
- Mishko Mitkovski, Daniel Suárez, and Brett D. Wick, The essential norm of operators on $A_\alpha^p(\mathbb{B}_n)$, *Integral Equations and Operator Theory* 75 (2013), 197–233.
- Dorina Mitrea, *Distributions, Partial Differential Equations, and Harmonic Analysis*, Springer, 2013.
- Yoshihiro Mizuta and Tetsu Shimomura, Growth properties for modified Poisson integrals in a half space, *Pacific Journal of Mathematics* 212 (2003), 333–346.
- Nozomu Mochizuki, Harmonic majorization for plurisubharmonic functions, *Interdisciplinary Information Sciences* 1 (1995), 173–176.
- Hyungpil Moon and Jonathan Luntz, Distributed manipulation of flat objects with two airflow sinks, *IEEE Transactions on Robotics* 22 (2006), 1189–1201.
- H. Moon and J. Luntz, Synthesis bounds for distributed manipulation using logarithmic-radial potential fields, *IEEE/RSJ International Conference on Intelligent Robots and Systems, Proceedings*, 2003, 2908–2913.
- Jennifer Moorhouse, Compact differences of composition operators, *Journal of Functional Analysis* 219 (2005), 70–92.
- J. Morais, H. M. Nguyen, and K. I. Kou, On 3D orthogonal prolate spheroidal monogenics, *Mathematical Methods in the Applied Sciences* 39 (2016), 635–648.
- Diego R. Moreira, Least supersolution approach to regularizing free boundary problems, *Archive for Rational Mechanics and Analysis* 191 (2009), 97–141.
- Luigi Morino, *Mathematics and Mechanics – The Interplay: Volume I: The Basics*, Springer, 2021.
- Mohammed Hichem Mortad, *An Operator Theory Problem Book*, World Scientific, 2019.
- Mohammed Hichem Mortad, *Counterexamples in Operator Theory*, Birkhäuser, 2022.
- Raymond Mortini, Closed and prime ideals in the algebra of bounded analytic functions, *Bulletin of the Australian Mathematical Society* 35 (1987), 213–229.
- Raymond Mortini and Rahman Younis, Douglas algebras which are invariant under the Bourgain map, *Archiv der Mathematik (Basel)* 59 (1992), 371–378.
- Yevgenya Movshovich, Inferior mean of Cantor boundary measures, *Journal of Mathematical Analysis and Applications* 386 (2012), 780–795.
- James Murdock, *Normal Forms and Unfoldings for Local Dynamical Systems*, Springer, 2002.
- Gerard J. Murphy, Toeplitz operators on generalized H^2 spaces, *Integral Equations and Operator Theory* 15 (1992), 825–852.

- Gerard J. Murphy, Inner functions and Toeplitz operators, *Canadian Mathematical Bulletin* 36 (1993), 324–331.
- Young-Chae Nah, *Dirichlet Spaces on Finitely Connected Domains*, PhD thesis, Michigan State University, 1991.
- Mitsuru Nakai, Dependence of Dirichlet integrals upon lumps of Riemann surfaces, *Japan Academy. Proceedings. Series A. Mathematical Sciences* 81 (2005), 131–133.
- Mitsuru Nakai, Existence of supercritical pasting arcs for two sheeted spheres *Kodai Mathematical Journal* 29 (2006), 163–169.
- Nakai, Mitsuru, The dependence of capacities on moving branch points, *Nagoya Mathematical Journal* 186 (2007), 1–27.
- Mitsuru Nakai, The role of compactification theory in the type problem, *Hokkaido Mathematical Journal* 37 (2008), 279–308.
- Mitsuru Nakai and Shigeo Segawa, Types of afforested surfaces, *Kodai Mathematical Journal* 32 (2009), 109–116.
- Mitsuru Nakai and Toshimasa Tada, A form of classical Liouville theorem for polyharmonic functions, *Hiroshima Mathematical Journal* 30 (2000), 205–213.
- Mitsuru Nakai and Toshimasa Tada, Harmonic Liouville theorem for exterior domains, *Journal of Mathematical Analysis and Applications* 253 (2001), 269–273.
- Mitsuru Nakai and Toshimasa Tada, Heins problem on harmonic dimensions, *Kodai Mathematical Journal* 28 (2005), 310–327.
- Takahiko Nakazi, Complete spectral area estimates and selfcommutators, *Michigan Mathematical Journal* 35 (1988), 435–441.
- Takahiko Nakazi, Norms of Hankel operators on a bidisc, *Proceedings of the American Mathematical Society* 109 (1990), 715–719.
- T. Nakazi and H. Swada, The commutator ideal in Toeplitz algebras for uniform algebras and the analytic structure, *Archiv der Mathematik (Basel)* 69 (1997), 221–226.
- Takahiko Nakazi and Rikio Yoneda, Compact Toeplitz operators with continuous symbols on weighted Bergman spaces, *Glasgow Mathematical Journal* 42 (2000), 31–35.
- Kyesook Nam, Lipschitz type characterizations of harmonic Bergman spaces, *Bulletin of the Korean Mathematical Society* 50 (2013), 1277–1288.
- Kyesook Nam, Mean value property and a Berezin-type transform on the half-space, *Journal of Mathematical Analysis and Applications* 381 (2011), 914–921.
- Kyesook Nam, Representations and interpolations of weighted harmonic Bergman functions, *Rocky Mountain Journal of Mathematics* 36 (2006), 237–263.
- Kyesook Nam and Dechao Zheng, m -Berezin transform on the polydisk, *Integral Equations and Operator Theory* 56 (2006), 93–113.

- Kyesook Nam, Dechao Zheng, Changyong Zhong, *m*-Berezin transform and compact operators, *Revista Matemática Iberoamericana* 22 (2006) 867–892.
- James Nearing, *Mathematical Tools for Physics*, Dover, 2010.
- Artur Nicolau, Finite products of interpolating Blaschke products, *Journal of the London Mathematical Society* 50 (1994), 520–531.
- Nikolai K. Nikolski, *Operators, Functions, and Systems: An Easy Reading. Volume I: Hardy, Hankel, and Toeplitz*, American Mathematical Society, 2002.
- N. K. Nikolskii, Commutators and semicommutators of some Toeplitz algebras, *Dilation Theory, Toeplitz Operators, and Other Topics*, Birkhäuser, 1983, 261–263.
- N. K. Nikolskii, Ha-plitz operators: A survey of some recent results, *Operators and Function Theory* (S. C. Power, editor), D. Reidel, 1985.
- Nikolaï Nikolski, *Toeplitz Matrices and Operators*, Cambridge University Press, 2020.
- N. K. Nikolskii, *Treatise on the Shift Operator*, Springer, 1986.
- Masaharu Nishio, Noriaki Suzuki, and Masahiro Yamada, Interpolating sequences of parabolic Bergman spaces, *Potential Analysis* 28 (2008), 357–378.
- Masaharu Nishio and Kiyoki Tanaka, Harmonic Bergman kernels and Toeplitz operators on the ball with radial measures, *Revue Roumaine de Mathématiques Pures et Appliquées* 62 (2017), 155–169.
- Masaharu Nishio and Masahiro Yamada, Carleson type measures on parabolic Bergman spaces, *Journal of the Mathematical Society of Japan* 58 (2006), 83–96.
- Eric Nordgren and Peter Rosenthal, Boundary values of Berezin symbols, *Operator Theory: Advances and Applications* 73 (1994), 362–368.
- Krzysztof Nowak, On Calderón-Toeplitz operators, *Monatshefte für Mathematik* 116 (1993), 49–72.
- Maria Nowak, Compact Hankel operators with conjugate analytic symbols, *Rendiconti del Circolo Matematico di Palermo* 47 (1988), 363–374.
- Maria Nowak, Hankel operators on the Bergman space of the unit ball, *Proceedings of the American Mathematical Society* 126 (1998), 2005–2012.
- Francis Egenti Nzerem and Ukamaka Cynthia Orumie, Lebesgue–Chebyshev synergism for the bounds of measurable random variables, *International Journal of Probability and Statistics* 11 (2022), 1–8.
- Shûichi Ohno, Multiplication operators on the Bergman spaces $L_a^p(\Omega)$, *Functional Analysis and Related Topics* (Shozo Koshi, editor), World Scientific, 1991, 234–237.
- E. Oja, *Extension of functionals and the structure of the space of bounded linear operators* (Russian), Tartu University, 1991.
- Robert F. Olin and James E. Thomson, Algebras generated by a subnormal operator, *Transactions of the American Mathematical Society* 271 (1982), 299–311.

- Anders Olofsson, An operator-valued Berezin transform and the class of n -hypercontractions, *Integral Equations and Operator Theory* 58 (2007), 503–549.
- Anders Olofsson and Aron Wennman, Operator identities for standard weighted Bergman shift and Toeplitz operators, *Journal of Operator Theory* 70 (2013), 451–475.
- Anders Olofsson and Jens Wittsten, Poisson integrals for standard weighted Laplacians in the unit disc, *Journal of the Mathematical Society of Japan* 65 (2013), 447–486.
- J. M. Ortega and J. Fàbrega, Pointwise multipliers and corona type decompositions, *Annales de l'Institut Fourier (Grenoble)* 46 (1996), 111–137.
- Marvin Ortel and Wayne Smith, The argument of an extreme dilation, *Proceedings of the American Mathematical Society* 104 (1988), 498–502.
- Keita Oshima, Hankel operators on harmonic Bergman's spaces, *Tohoku Mathematical Journal* 58 (2006), 475–491.
- Renata Otáhalová, Weighted reproducing kernels and Toeplitz operators on harmonic Bergman spaces on the real ball, *Proceedings of the American Mathematical Society* 136 (2008), 2483–2492.
- S. I. Othman and V. Anandam, Biharmonic classification of Riemannian spaces, *Hokkaido Mathematical Journal* 32 (2003), 457–471.
- Biao Ou, A uniqueness theorem for harmonic functions on the upper-half plane, *Conformal Geometry and Dynamics* 4 (2000), 120–125.
- M. Ozaydin, S. Nemati, M. Yeary, and V. DeBrunner, Orthogonal projections and discrete fractional Fourier transforms, *Digital Signal Processing Workshop, 12th - Signal Processing Education Workshop, IEEE 2006*, 429–433.
- Soumik Pal, Analysis of market weights under volatility-stabilized market models, *Annals of Applied Probability* 21 (2011), 1180–1213.
- Soumik Pal and Philip Protter, Analysis of continuous strict local martingales via h -transforms, *Stochastic Processes and their Applications* 120 (2010), 1424–1443.
- Bob Palais, Richard Palais, and Stephen Rodi, A disorienting look at Euler's theorem on the axis of a rotation, *American Mathematical Monthly* 116 (2009), 892–909.
- Guo-Shuang Pan, Le Qiao, and Guan-Tie Deng, Harmonic functions in upper half space, *Bulletin of the Belgian Mathematical Society* 19 (2012), 675–681.
- Y. Pan and M. Wang, On higher order angular derivatives—an application of Faà di Bruno's formula, *Complex Variables and Elliptic Equations* 53 (2008), 159–175.
- Radu Pantilie, Harmonic morphisms with 1-dimensional fibres on 4-dimensional Einstein manifolds, *Communications in Analysis and Geometry* 10 (2002), 779–814.
- Jaehui Park, Toeplitz and Hankel operators with Carleson measure symbols, *Communications of the Korean Mathematical Society* 37 (2022), 91–103.
- Roberto Domingo Pascual-Marqui, Review of methods for solving the EEG inverse problem, *International Journal of Bioelectromagnetism* 1 (1999), 75–86.

- Miroslav Pavlović, Integrability of vector-valued lacunary series with applications to function spaces, *Annali di Matematica Pura ed Applicata* 192 (2013), 745–762.
- Jaak Peetre, Hankel operators, rational approximation and allied questions of analysis, *Second Edmonton Conference on Approximation Theory*, Canadian Math. Soc. Conference Proc., vol. 3, 1983, 287–332.
- V. V. Peller, An excursion into the theory of Hankel operators, *Holomorphic Spaces* (Sheldon Axler, John E. McCarthy, and Donald Sarason, editors), Cambridge University Press, 1998, 65–120.
- Vladimir V. Peller, *Hankel Operators and Their Applications*, Springer Monographs in Mathematics, 2003.
- V. V. Peller and S. V. Hruscev, Hankel operators, best approximations and stationary Gaussian processes, *Uspekhi Matematicheskikh Nauk* 37 (1982), 53–124.
- Marco M. Peloso, Besov spaces, mean oscillation, and generalized Hankel operators, *Pacific Journal of Mathematics* 161 (1993), 155–184.
- Marco Peloso, Hankel operators on weighted Bergman spaces on strongly pseudoconvex domains, *Illinois Journal of Mathematics* 38 (1994), 223–249.
- Marco Maria Peloso, *Möbius Invariant Spaces on the Unit Ball*, PhD thesis, Washington University, 1990
- Marco M. Peloso, Möbius invariant spaces on the unit ball: A survey, *Seminars in Complex Analysis and Geometry*, Rende, 1993, 93–120.
- Lizhong Peng, Richard Rochberg, and Zhijian Wu, Orthogonal polynomials and middle Hankel operators on Bergman spaces, *Studia Mathematica* 102 (1992), 57–75.
- Lizhong Peng and Genkai Zhang, Middle Hankel operators on the Bergman space, *Function Spaces* (Krzysztof Jarosz, editor), Marcel Dekker, 1992, 325–336.
- Antti Perälä, Toeplitz operators on Bloch-type spaces and classes of weighted Sobolev distributions, *Integral Equations and Operator Theory* 71 (2011), 113–128.
- Antti Perälä, Toeplitz operators with distributional symbols on Bergman spaces, *Proceedings of the Edinburgh Mathematical Society* 54 (2011), 505–514.
- Antti Perälä, Jari Taskinen, and Jani Virtanen, Toeplitz operators with distributional symbols on Bergman spaces, *Proceedings of the Edinburgh Mathematical Society* 54 (2011), 505–514.
- Antti Perälä, Jari Taskinen, and Jani Virtanen, Toeplitz operators with distributional symbols on Fock spaces, *Functiones et Approximatio Commentarii Mathematici* 44 (2011), 203–213.
- K. E. Petersen, *Brownian Motion, Hardy Spaces and Bounded Mean Oscillation*, London Mathematical Society, 1977.
- Peter Petersen, *Linear Algebra*, Springer, 2012.
- A. I. Petrosyan, On weighted classes of harmonic functions in the unit ball of R^n , *Complex Variables Theory and Application* 50 (2005), 953–966.

- Guergana Petrova, Uniqueness of the Gaussian extended cubature for polyharmonic functions, *East Journal on Approximations* 9 (2003), 269–275.
- Albrecht Pietsch, *History of Banach Spaces and Linear Operators*, Birkhäuser, 2007.
- Stevan Pilipović and Dimitris Scarpalézos, Harmonic generalized functions in generalized function algebras, *Monatshefte für Mathematik* 163 (2011), 81–106.
- Mark A. Pinsky, Mean values and the maximum principle: a proof in search of more theorems, *American Mathematical Monthly* 112 (2005), 515–520.
- Arthur O. Pittenger and Morton H. Rubin, Convexity and the separability problem of quantum mechanical density matrices, *Linear Algebra and its Applications* 346 (2002), 47–71.
- P. I. Plotnikov, E. V. Ruban, and J. Sokolowski, Inhomogeneous boundary value problems for compressible Navier-Stokes and transport equations, *Journal de Mathématiques Pures et Appliquées* 92 (2009), 113–162.
- Peter Poier, Christos N. Likos, Angel J. Moreno, and Ronald Blaak, An anisotropic effective model for the simulation of semiflexible ring polymers, *Macromolecules* 48 (2015), 4983–4997.
- S. Ponnusamy and Antti Rasila, On zeros and boundary behavior of bounded harmonic functions, *Analysis* 30 (2010), 199–207.
- Neil Portnoy, *Differentiation and Composition on the Hardy and Bergman Spaces*, PhD thesis, University of New Hampshire, 1998.
- Stephen Power, Commutators with the triangular projection and Hankel forms on nest algebras, *Journal of the London Mathematical Society* 32 (1985), 272–282.
- S. C. Power, Hankel operators on Hilbert space, *Bulletin of the London Mathematical Society* 12 (1980), 422–442.
- S. C. Power, *Hankel Operators on Hilbert Space*, Pitman, 1982.
- S. C. Power, Hankel operators with PQC symbols and singular integral operators, *Proceedings of the London Mathematical Society* 41 (1980), 45–65.
- Can Pu and Ryan G. McClaren, Mathematical and numerical validation of the simplified spherical harmonics approach for time-dependent anisotropic-scattering transport problems in homogeneous media, *Journal of Computational and Theoretical Transport*, 46 (2017), 366–378.
- Mihai Putinar, Extreme hyponormal operators, *Operator Theory: Advances and Applications*, vol. 28, Birkhäuser, 1988, 249–265.
- Mihai Putinar, On invariant subspaces of several variable Bergman spaces, *Pacific Journal of Mathematics* 147 (1991), 355–364.
- Mihai Putinar and Harold S. Shapiro, The Friedrichs operator of a planar domain, *Operator Theory: Advances and Applications* 113 (2000), 303–330.
- Lei Qiao and Guantie Deng, A theorem of Phragmén-Lindelöf type for subfunctions in a cone, *Glasgow Mathematical Journal* 53 (2011), 599–610.

- J. Qing, A fourth order PDE and its application in conformal geometry, *Functional Differential Equations* 8 (2001), 383–393.
- James Zhijian Qiu, Density of polynomials, *Houston Journal of Mathematics* 21 (1995), 109–118.
- James Zhijian Qiu, *Polynomial Approximation and Carleson Measures on a General Domain and Equivalence Classes of Subnormal Operators*, PhD thesis, Virginia Polytechnic Institute, 1993.
- Roberto Raimondo, Compact operators on the Bergman space of multiply-connected domains, *Proceedings of the American Mathematical Society* 129 (2001), 739–747.
- Roberto C. Raimondo, Hilbert-Schmidt Hankel operators on the Bergman space of planar domains, *Integral Equations and Operator Theory* 57 (2007), 425–449.
- Roberto Raimondo, Toeplitz operators on the Bergman space of the unit ball, *Bulletin of the Australian Mathematical Society* 62 (2000), 273–285.
- Wade C. Ramey and Heungsu Yi, Harmonic Bergman functions on half-spaces, *Transactions of the American Mathematical Society* 348 (1996), 633–660.
- E. Ramírez de Arellano, L. F. Reséndis O., and L. M. Tovar S., Zhao $f(p, q, s)$ function spaces and harmonic majorants, *Sociedad Matemática Mexicana. Boletín* 11 (2005), 241–248.
- N. V. Rao and Henrik Stetkaer, *Complex Analysis: An Invitation*, World Scientific, 1991.
- P. Recht, Generalized partial derivatives and optimality conditions for non-differentiable functions, *Optimization* 49 (2001), 271–291.
- Guangbin Ren and Uwe Kähler, Weighted harmonic Bloch spaces and Gleason's problem. *Complex Variables Theory and Application* 48 (2003), 235–245.
- Guangbin Ren and U. Kähler, Weighted Hölder continuity of hyperbolic harmonic Bloch functions, *Zeitschrift für Analysis und ihre Anwendungen* 21 (2002), 599–610.
- Guangbin Ren, Uwe Kähler, Jihuai Shi, and Congwen Liu, Hardy-Littlewood inequalities for fractional derivatives of invariant harmonic functions, *Complex Analysis and Operator Theory* 6 (2012), 373–396.
- Hermann Render, Harmonic divisors and rationality of zeros of Jacobi polynomials, *Ramanujan Journal* 31 (2013), 257–270.
- Hermann Render, Real Bargmann spaces, Fischer decompositions, and sets of uniqueness for polyharmonic functions, *Duke Mathematical Journal* 142 (2008), 313–352.
- H. Render, Reproducing kernels for polyharmonic polynomials, *Archiv der Mathematik* 91 (2008), 136–144.
- L. F. Reséndis and L. M. Tovar, Q_p subharmonic classes in the unit ball of \mathbb{R}^n , *Complex Variables and Elliptic Equations* 57 (2012), 867–884.
- Henry Ricardo, *A Modern Introduction to Linear Algebra*, CRC Press, 2010.
- David R. Richman, A new proof of a result about Hankel operators, *Integral Equations and Operator Theory* 5 (1982), 892–900.

- Stefan Richter, Invariant subspaces in Banach spaces of analytic functions, *Transactions of the American Mathematical Society* 304 (1987), 585–616.
- Stefan Richter, *On Invariant Subspaces of Multiplication Operators on Banach Spaces of Analytic Functions*, PhD thesis, University of Michigan, 1986.
- Stefan Richter and Allen Shields, Bounded analytic functions in the Dirichlet space, *Mathematische Zeitschrift* 198 (1988), 151–159.
- B. Khani Robati, On the commutant of multiplication operators with analytic polynomial symbols, *Bulletin of the Korean Mathematical Society* 44 (2007), 683–689.
- B. Khani Robati and S. M. Vaezpour, On the commutant of multiplication operators with analytic symbols, *Rocky Mountain Journal of Mathematics* 33 (2003), 1049–1056.
- Alain M. Robert, *Linear Algebra*, World Scientific Publishing, 2005.
- Richard Rochberg, Decomposition theorems for Bergman spaces and their applications, *Operators and Function Theory* (S. C. Power, editor), D. Reidel, 1985.
- Richard Rochberg and Stephen Semmes, A decomposition theorem for BMO and applications, *Journal of Functional Analysis* 67 (1986), 228–263.
- Richard Rochberg and Zhijian Wu, A new characterization of Dirichlet type spaces and applications, *Illinois Journal of Mathematics* 37 (1993), 101–122.
- Marvin Rosenblum and James Rovnyak, *Topics in Hardy Classes and Univalent Functions*, Birkhäuser, 1994.
- W. T. Ross, Analytic continuation in Bergman spaces and the compression of certain Toeplitz operators, *Indiana University Mathematics Journal* 40 (1991), 1363–1386.
- B. Rubin, The Radon transform on the Heisenberg group and the transversal Radon transform, *Journal of Functional Analysis* 262 (2012), 234–272.
- Klaus Saatkamp, Best approximation in the space of bounded operators and its applications, *Mathematische Annalen* 250 (1980), 35–54.
- S. M. Saberi Fathi, Green function of the inhomogeneous Helmholtz equation with nonuniform refraction index, using quaternion analysis, *Journal of Mathematical Physics* 51 (2010), <https://doi.org/10.1063/1.3524507>, 13 pages.
- Ricardo A. Sáenz, Nontangential limits and Fatou-type theorems on post-critically finite self-similar sets, *Journal of Fourier Analysis and Applications* 18 (2012), 240–265.
- Makoto Sakai, Isoperimetric inequalities for the least harmonic majorant of $|x|^p$, *Transactions of the American Mathematical Society* 299 (1987), 431–472.
- Michael Sand, Operator ranges and non-cyclic vectors for the backward shift, *Integral Equations and Operator Theory* 22 (1995), 212–231.
- Donald Sarason, Algebras between H^∞ and L^∞ , *Spaces of Analytic Functions*, Springer Lecture Notes in Mathematics, vol. 512, 1976, 117–130.
- Donald Sarason, *Complex Function Theory*, American Mathematical Society, 2007.

- Donald Sarason, Exposed points in H^1 , II, *Operator Theory: Advances and Applications* 48 (1990), 333–347.
- Donald Sarason, *Function Theory on the Unit Circle*, Virginia Polytechnic Institute, 1978.
- Donald Sarason, Holomorphic spaces—a brief and selective survey, *Holomorphic Spaces* (Sheldon Axler, John E. McCarthy, and Donald Sarason, editors), Cambridge University Press, 1998, 1–34.
- Donald Sarason, Sets of antisymmetry and support sets for $H^\infty + C$, *Linear and Complex Analysis Problem Book* (V. P. Havin, S. V. Hruscev, and N. K. Nikol'skii, editors), Springer Lecture Notes in Mathematics, 1984, 75–77.
- Donald Sarason, Sets of uniqueness for QC , *Linear and Complex Analysis Problem Book* (V. P. Havin, S. V. Hruscev, and N. K. Nikol'skii, editors), Springer Lecture Notes in Mathematics, 1984, 682–683.
- Donald Sarason, The Shilov and Bishop decompositions of $H^\infty + C$, *Conference on Harmonic Analysis in Honor of Antoni Zygmund*, vol. II, 1983, 461–474.
- Hiroyuki Sato, *Riemannian Optimization and Its Applications*, Springer, 2021.
- Alexander P. Schuster, Interpolation by Bloch functions, *Illinois Journal of Mathematics* 43 (1999), 677–691.
- Micheál Ó Searcoid, A note on a comment of Axler and Shapiro, *Irish Mathematical Society Newsletter* 15 (1985), 52–56.
- Karim Seddighi, Essential spectra of operators in the class $B_n(\Omega)$, *Proceedings of the American Mathematical Society* 87 (1983), 453–458.
- António Manuel Atalaia Carvalheiro Serra, *Interpolation Problems in Local Dirichlet Spaces*, PhD thesis, University of California, Berkeley, 2002.
- Henrik Shahgholian and Ashot Vagharshakyan, On Phragmen Lindelöf principle, *Complex Variables Theory and Application* 46 (2001), 295–305.
- Jinyan Shao, Long Wang, and Junzhi Yu, Collision-free motion planning for a biometric robotic fish based on numerical flow field, *Proceedings of the 2006 American Control Conference*, IEEE, 2006, 2736–2741.
- Joel H. Shapiro, Cluster set, essential range, and distance estimates in BMO , *Michigan Mathematical Journal* 34 (1987), 323–336.
- Joel H. Shapiro, *Volterra Adventures*, American Mathematical Society, 2018.
- E. Shargorodsky and J. F. Toland, Bernoulli free-boundary problems, *Memoirs of the American Mathematical Society* 196 (2008).
- Ajay K. Sharma and S. D. Sharma, Composition operators on weighted Bergman-Orlicz spaces, *Bulletin of the Australian Mathematical Society* 75 (2007), 273–287.
- David Siegel and Erik Talvila, Sharp growth estimates for modified Poisson integrals in a half space, *Potential Analysis* 15 (2001), 333–360.

- D. Siegel and E. O. Talvila, Uniqueness for the n -dimensional half space Dirichlet problem, *Pacific Journal of Mathematics* 175 (1996), 571–587.
- Bernd Silbermann, Local objects in the theory of Toeplitz operators, *Integral Equations and Operator Theory* 9 (1986), 706–738.
- Christian G. Simader, The weak L^q -Cosserat spectrum for the first boundary value problem in the half-space. Applications to Stokes' and Lamé's system, *International Mathematical Journal of Analysis and its Applications* 26 (2006), 9–84.
- Christian G. Simader and Wolf von Wahl, Introduction to the Cosserat problem, *International Mathematical Journal of Analysis and its Applications* 26 (2006), 1–7.
- Fulvio Simonelli, Vittorio Marzano, Andrea Papola, and Iolanda Vitiello, A network sensor location procedure accounting for o-d matrix estimate variability, *Transportation Research* 46 (2012), 1624–1638.
- R. K. Singh and J. S. Manhas, Invertible multiplication operators on weighted function spaces, *Nonlinear Analysis Forum* 6 (2001), 249–256.
- R. C. Smith, Toeplitz operators on abstract Hardy spaces, *Glasgow Mathematical Journal* 30 (1988), 129–131.
- Wayne Smith and David A. Stegenga, Hölder domains and Poincaré domains, *Transactions of the American Mathematical Society* 319 (1990), 67–100.
- Wayne Smith and David A. Stegenga, Poincaré domains in the plane, *Complex Analysis*, Springer Lecture Notes in Mathematics 1351 (1988), 312–327.
- Charles S. Stanton, Counting functions and majorization for Jensen measures, *Pacific Journal of Mathematics* 125 (1986), 459–468.
- Stevo Stević, A note on polyharmonic functions, *Journal of Mathematical Analysis and Applications* 278 (2003), 243–249.
- Stevo Stević, An equivalent norm on BMO spaces, *Acta Scientiarum Mathematicarum (Szeged)* 66 (2000), 553–563.
- Stevo Stević, Area type inequalities and integral means of harmonic functions on the unit ball, *Journal of the Mathematical Society of Japan* 59 (2007), 583–601.
- Stevo Stević, Boundary limit theorems for positive hyperharmonic functions, *Complex Variables Theory and Application* 49 (2004), 781–786.
- Stevo Stević, Comment on: “Hardy-Littlewood inequalities and Q_p -spaces”, *Zeitschrift für Analysis und ihre Anwendungen* 26 (2007), 473–480.
- Stevo Stević, Harmonic Bloch and Besov spaces on the unit ball, *Ars Combinatoria* 91 (2009), 3–9.
- Stevo Stević, Inequalities for the gradient of eigenfunctions of the Laplace-Beltrami operator, *Functiones et Approximatio Commentarii Mathematici* 31 (2003), 119–131.
- Stevo Stević, On harmonic function spaces, *Journal of the Mathematical Society of Japan* 57 (2005), 781–802.

- Stevo Stević, On harmonic Hardy and Bergman spaces, *Journal of the Mathematical Society of Japan* 54 (2002), 983–996.
- Stevo Stević, On harmonic Hardy spaces and area integrals, *Journal of the Mathematical Society of Japan* 56 (2004), 339–347.
- Stevo Stević, Weighted integrals for polyharmonic type functions, *Houston Journal of Mathematics* 30 (2004), 511–521.
- S. Stević, Weighted integrals of harmonic functions, *Studia Scientiarum Mathematicarum Hungarica* 39 (2002), 87–96.
- S. Stevich, Compactness of the Hardy-Littlewood operator on spaces of harmonic functions, *Siberian Mathematical Journal* 50 (2009), 167–180.
- Manfred Stoll, Harmonic majorants for eigenfunctions of the Laplacian with finite Dirichlet integrals, *Journal of Mathematical Analysis and Applications* 274 (2002), 788–811.
- Karel Stroethoff, A remark on spherical mean value theorems, *Commentationes Mathematicae. Prace Matematyczne* 36 (1996), 223–228.
- Karel Stroethoff, Algebraic properties of Toeplitz operators on the Hardy space via the Berezin transform, *Contemporary Mathematics* 232 (1999), 313–319.
- Karel Stroethoff, Besov-type characterizations for the Bloch space, *Bulletin of the Australian Mathematical Society* 39 (1989), 405–420.
- Karel Mattheus Rudolf Stroethoff, *Characterizations of the Bloch space and Related Spaces*, PhD thesis, Michigan State University, 1987.
- Karel Stroethoff, Compact Hankel operators on the Bergman space, *Illinois Journal of Mathematics* 34 (1990), 159–174.
- Karel Stroethoff, Compact Hankel operators on the Bergman spaces of the unit ball and polydisk in \mathbb{C}^n , *Journal of Operator Theory* 23 (1990), 153–170.
- Karel Stroethoff, Compact Hankel operators on weighted harmonic Bergman spaces, *Glasgow Mathematical Journal* 39 (1997), 77–84.
- Karel Stroethoff, Compact Toeplitz operators on Bergman spaces, *Mathematical Proceedings of the Cambridge Philosophical Society* 124 (1998), 151–160.
- Karel Stroethoff, Compact Toeplitz operators on weighted harmonic Bergman spaces, *Journal of the Australian Mathematical Society* 64 (1998), 136–148.
- Karel Stroethoff, Essentially commuting Toeplitz operators with harmonic symbols, *Canadian Journal of Mathematics* 45 (1993), 1080–1093.
- Karel Stroethoff, Generalizations of the Forelli-Rudin estimates, *Journal of Mathematical Analysis and Applications* 252 (2000), 936–950.
- Karel Stroethoff, Harmonic Bergman spaces, *Holomorphic Spaces* (Sheldon Axler, John E. McCarthy, and Donald Sarason, editors), Cambridge University Press, 1998, 51–63.

- Karel Stroethoff, Nevanlinna-type characterizations for the Bloch space and related spaces, *Proceedings of the Edinburgh Mathematical Society* 33 (1990), 123–141.
- Karel Stroethoff, The Berezin transform and operators on spaces of analytic functions, *Banach Center Publications* 38 (1997), 361–380.
- Karel Stroethoff, The Bloch space and Besov spaces of analytic functions, *Bulletin of the Australian Mathematical Society* 54 (1996), 211–219.
- Karel Stroethoff and Dechao Zheng, Algebraic and spectral properties of dual Toeplitz operators, *Transactions of the American Mathematical Society* 354 (2002), 2495–2520.
- Karel Stroethoff and Dechao Zheng, Bounded Toeplitz products on weighted Bergman spaces, *Journal of Operator Theory* 59 (2008), 277–308.
- Karel Stroethoff and Dechao Zheng, Products of Hankel and Toeplitz Operators on the Bergman space, *Journal of Functional Analysis* 169 (1999), 289–313.
- Karel Stroethoff and Dechao Zheng, Toeplitz and Hankel operators on Bergman spaces, *Transactions of the American Mathematical Society* 329 (1992), 773–794.
- Daniel Suárez, Approximation and symbolic calculus for Toeplitz algebras on the Bergman space, *Revista Matemática Iberoamericana* 20 (2004), 563–610.
- Daniel Suárez, Approximation and the n -Berezin transform of operators on the Bergman space, *Journal für die Reine und Angewandte Mathematik* 581 (2005), 175–192.
- Daniel Suárez, Meromorphic and harmonic functions inducing continuous maps from M_{H^∞} in the Riemann sphere, *Journal of Functional Analysis* 183 (2001), 164–210.
- Daniel Suárez, The essential norm of operators in the Toeplitz algebra on $A^p(\mathbb{B}_n)$, *Indiana University Mathematics Journal* 56 (2007), 2185–2232.
- Daniel Suárez, The Toeplitz algebra on the Bergman space coincides with its commutator ideal, *Journal of Operator Theory* 51 (2004), 105–114.
- Shunhua Sun, Duality and Hankel operators, *Operator Theory: Advances and Applications* 48 (1990), 373–385.
- Shunhua Sun, On unitary equivalence of multiplication operators on Bergman space, *Dongbei Shuxue* 1 (1985), 213–222.
- Sunhua Sun and Dechao Zheng, Toeplitz operators on the polydisk, *Proceedings of the American Mathematical Society* 124 (1996), 3351–3356.
- Carl Sundberg, A constructive proof of the Chang-Marshall theorem, *Journal of Functional Analysis* 46 (1982), 239–245.
- Carl Sundberg, A note on function algebras between L^∞ and H^∞ , *Rocky Mountain Journal of Mathematics* 11 (1981), 333–335.
- Carl Sundberg, $H^\infty + BUC$ does not have the best approximation property, *Arkiv för Matematik* 22 (1984), 287–292.

- Carl Sundberg, Measures induced by analytic functions and a problem of Walter Rudin, *Journal of the American Mathematical Society* 16 (2003), 69–90.
- Carl Sundberg and Dechao Zheng, The spectrum and essential spectrum of Toeplitz operators with harmonic symbols, *Indiana University Mathematics Journal* 59 (2010), 385–394.
- Joono Sur, Yongook Lee, and Hyun-Taek Choi, Obstacle avoidance of autonomous underwater vehicle by using streamline function, *International Federation of Automatic Control Proceedings Volumes* 45 (2012), 236–241.
- Jeff Suzuki, Eigenvalues and eigenvectors: generalized and determinant free, *Mathematics Magazine* 93 (2020), 200–212.
- Jeff Suzuki, *Linear Algebra: An Inquiry-Based Approach*, CRC Press, 2021.
- Wojciech Szapiel, Bounded harmonic mappings, *Journal d'Analyse Mathématique* 111 (2010), 47–76.
- Jarno Talponen, Convex-transitivity of Banach algebras via ideals, *Quarterly Journal of Mathematics* 64 (2013), 571–589.
- Erik Talvila, Estimates of Henstock-Kurzweil Poisson integrals, *Canadian Mathematical Bulletin* 48 (2005), 133–146.
- Erik Talvila, Integrals and Banach spaces for finite order distributions, *Czechoslovak Mathematical Journal* 62 (2012), 77–104.
- Kiyoki Tanaka, Atomic decomposition of harmonic Bergman functions, *Hiroshima Mathematical Journal* 42 (2012), 143–160.
- Kiyoki Tanaka, Representation theorem for harmonic Bergman and Bloch functions, *Osaka Journal of Mathematics* 50 (2013), 947–961.
- Danielle Tarraf, On exploiting algebraic structure in control of finite state machines, *Proceedings of the Allerton Conference on Communication, Control, and Computing*, IEEE, 2013, 962–965.
- Jari Taskinen and Jani Virtanen, Toeplitz operators on Bergman spaces with locally integrable symbols, *Revista Matemática Iberoamericana* 26 (2010), 693–706.
- Sekhar Tatikonda and Nicola Elia, Communication requirements for networked control, *Advances in Communication Control Networks* (S. Tarbouriech, C.T. Abdallah, and J. Chiasson, editors), Springer, 2005, 303–324.
- Sekhar Tatikonda and Sanjoy Mitter, Control under communication constraints, *Institute of Electrical and Electronics Engineers Transactions on Automatic Control* 49 (2004), 1056–1068.
- J. K. Thukral, The numerical range of a Toeplitz operator with harmonic symbol, *Journal of Operator Theory* 34 (1995), 213–216.
- J. F. Toland, The Peierls-Nabarro and Benjamin-Ono equations, *Journal of Functional Analysis* 145 (1997), 136–150.
- F. Toókos, Smoothness of Green's functions and density of sets, *Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum* 71 (2005), 117–146.

- Alberto Torchinsky, *Real-Variable Methods in Harmonic Analysis*, Academic Press, 1986.
- S. Treil and A. Volberg, Continuous frame decomposition and a vector Hunt-Muckenhoupt-Wheeden theorem, *Arkiv för Matematik* 35 (1997), 363–386.
- Tuyen Trung Truong, Sets non-thin at ∞ in \mathbb{C}^m , *Journal of Mathematical Analysis and Applications* 356 (2009), 517–524.
- Chia-Chi Tung, Integral products, Bochner-Martinelli transforms and applications, *Taiwanese Journal of Mathematics* 13 (2009), 1583–1608.
- Gudrun Turowski, Behaviour of doubly connected minimal surfaces at the edges of the support surface, *Archiv der Mathematik* 77 (2001), 278–288.
- Gudrun Turowski, Existence of doubly connected minimal graphs in singular boundary configurations, *Asymptotic Analysis* 23 (2000), 239–256.
- Stefano S. Turzi, On the Cartesian definition of orientational order parameters, *Journal of Mathematical Physics* 52 (2011), <https://doi.org/10.1063/1.3589961>, 29 pages.
- Hans-Olav Tylli, The essential norm of an operator is not self-dual, *Israel Journal of Mathematics* 91 (1995), 93–110.
- U. Ufuktepe and Z. Zhao, Positive solutions of nonlinear elliptic equations in the Euclidean plane, *Proceedings of the American Mathematical Society* 126 (1998), 3681–3692.
- David C. Ullrich, Khinchin's inequality and the zeroes of Bloch functions, *Duke Mathematical Journal* 57 (1988), 519–535.
- Jean Van Schaftingen, A direct proof of the existence of eigenvalues and eigenvectors by Weierstrass's theorem, *American Mathematical Monthly* 120 (2013), 741–746.
- James M. Van Verth and Lars M. Bishop, *Essential Mathematics for Games & Interactive Applications*, Morgan Kaufmann, 2004.
- Nikolai L. Vasilevski, *Commutative Toeplitz Operators on the Bergman Space*, Birkhäuser, 2008.
- N. L. Vasilevski, On Bergman-Toeplitz operators with commutative symbol algebras, *Integral Equations and Operator Theory* 34 (1999), 107–126.
- Madhu Venkataraman, Laurent decomposition for harmonic and biharmonic functions in an infinite network, *Hokkaido Mathematical Journal* 42 (2013), 345–356.
- A. L. Volberg, The comparative strength of integral norms on subspaces of pseudocontinuable functions in the space H^p , *Uspekhi Matematicheskikh Nauk* 36 (1981), 205–206.
- A. L. Volberg, Thick and thin families of rational functions, *Complex Analysis and Spectral Theory*, Springer Lecture Notes in Mathematics, vol. 864, 1981, 440–480.
- A. L. Volberg, Two remarks concerning the theorem of S. Axler, S.-Y. A. Chang and D. Sarason, *Journal of Operator Theory* 7 (1982), 209–218.
- A. L. Volberg and O. V. Ivanov, Membership of the product of two Hankel operators in the Schatten-von Neumann class, *Dokl. Akad. Nauk Ukrain. SSR Ser. A* 4 (1987) 3–6.

- A. Volberg and R. Younis and D. Zheng, Subalgebras of $C(M(H^\infty))$, *Proceedings of the American Mathematical Society* 123 (1995), 367–371.
- Dragan Vukotić, Linear extremal problems for Bergman spaces, *Expositiones Mathematicae* 14 (1996), 313–352.
- Dragan Vukotić, Modern developments of the theory of Bergman spaces, *Contemporary Mathematics*, Belgrade, 1998.
- Dragan Vukotić, *Multipliers and Extremal Problems in Bergman Spaces*, PhD thesis, University of Michigan, 1993.
- Dragan Vukotić, Pointwise multiplication operators between Bergman spaces on simply connected domains, *Indiana University Mathematics Journal* 48 (1999), 793–803.
- Shayne Waldron, Continuous and discrete tight frames of orthogonal polynomials for a radially symmetric weight, *Constructive Approximation* 30 (2009), 33–52.
- Lizhou Wang, A Liouville type theorem for a variational problem with free boundary in three dimensions, *Nonlinear Analysis* 75 (2012), 4062–4067.
- James Li-Ming Wang and Zhijian Wu, Images of Hankel operators, *Integral Equations and Operator Theory* 28 (1997), 87–96.
- James Li-Ming Wang and Zhijian Wu, Minimum solution of $\bar{\partial}^{k+1}$ and middle Hankel operators, *Journal of Functional Analysis* 118 (1993), 167–187.
- James L. Wang and Zhijian Wu, Multipliers between BMO spaces on open unit ball, *Integral Equations and Operator Theory* 45 (2003), 231–249.
- Nianqing Wang and Peter Smereka, Effective equations for sound and void wave propagation in bubbly fluids, *SIAM Journal on Applied Mathematics* 63 (2003), 1849–1888.
- Xiaofeng Wang, Guangfu Cao and Kehe Zhu, Boundedness and compactness of operators on the Fock space, *Integral Equations and Operator Theory* 77 (2013), 355–370.
- N. A. Watson, A decomposition theorem for solutions of parabolic equations, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 25 (2000), 151–160.
- S. Waydo and R. M. Murray, Vehicle motion planning using stream functions, *IEEE International Conference on Robotics and Automation, 2003; Proceedings*, 2484–2491.
- T. Weight, Some subalgebras of $L^\infty(T)$ determined by their maximal ideal spaces, *Bulletin of the American Mathematical Society* 81 (1975), 192–194.
- Lutz Weis, Approximation by weakly compact operators in L^1 , *Mathematische Nachrichten* 119 (1984), 321–326.
- Lutz Weis, Decompositions of positive operators and some of their applications, *Functional analysis: surveys and recent results*, III, North-Holland Math. Stud., vol. 90, 1984, 95–115.
- Dirk Werner, M -ideals and the “basic inequality”, *Journal of Approximation Theory* 76 (1994), 21–30.

- Stephan Weyers, L^q -solutions to the Cosserat spectrum in bounded and exterior domains, *International Mathematical Journal of Analysis and its Applications* 26 (2006), 85-167.
- K. J. Wirths and J. Xiao, Extreme points in spaces between Dirichlet and vanishing mean oscillation, *Bulletin of the Australian Mathematical Society* 67 (2003), 365–375.
- K. J. Wirths and J. Xiao, Recognizing $Q_{p,0}$ functions per Dirichlet space structure, *Bulletin of the Belgian Mathematical Society. Simon Stevin* 8 (2001), 47-59.
- R. J. Whitley, T. V Hromadka II and S. B. Horton, Approximating solutions to the Dirichlet problem in \mathbf{R}^N using one analytic function, *Numerical Methods for Partial Differential Equations* 26 (2010), 1636–1641.
- Hugo J. Woerdeman, *Advanced Linear Algebra*, CRC Press, 2016.
- P. Wojtaszczyk, *Banach Spaces for Analysts*, Cambridge University Press, 1991.
- Hartmut Wolf, Toeplitz operators on polyanalytic functions and Klee's combinatorial identity, *Mathematische Nachrichten* 166 (1994), 5–15.
- Thomas H. Wolff, Two algebras of bounded functions, *Duke Mathematical Journal* 49 (1982), 321–328.
- Zhijian Wu, Boundedness, compactness, and Schatten p -classes of Hankel operators between weighted Dirichlet spaces, *Arkiv för Matematik* 31 (1993), 395–417.
- Zhijian Wu, Clifford analysis and commutators on harmonic Bergman spaces of \mathbf{R}_+^{n+1} , *Dirac Operators in Analysis*, Pitman, 1998, 15–24.
- Zhijian Wu, Clifford analysis and commutators on the Besov spaces, *Journal of Functional Analysis* 169 (1999), 121–147.
- Zhijian Wu, Commutators and related operators on harmonic Bergman space of \mathbf{R}_+^{n+1} , *Journal of Functional Analysis* 144 (1997), 448–474.
- Zhijian Wu, Function theory and operator theory on the Dirichlet space, *Holomorphic Spaces* (Sheldon Axler, John E. McCarthy, and Donald Sarason, editors), Cambridge University Press, 1998, 179–199.
- Zhijian Wu, Hankel and Toeplitz operators on Dirichlet spaces, *Integral Equations and Operator Theory* 15 (1992), 503–525.
- Zhijian Wu, Operators on harmonic Bergman spaces, *Integral Equations and Operator Theory* 24 (1996), 352–371.
- Zhijian Wu, The predual and second predual of W_α , *Journal of Functional Analysis* 116 (1993), 314–334.
- Zongmin Wu and Y. C. Hon, Numerical integration of harmonic functions with restricted sampling data, *Journal of Complexity* 17 (2001), 898–909.
- Frederico Xavier, Rigidity of the identity, *Communications in Contemporary Mathematics* 9 (2007), 691–699.

- Daoxing Xia and Dechao Zheng, Compact products of Hankel operators, *Integral Equations and Operator Theory* 38 (2000), 357–375.
- Daoxing Xia and Dechao Zheng, Products of Hankel operators, *Integral Equations and Operator Theory* 29 (1997), 339–363.
- Jingbo Xia, Rigged non-tangential maximal function associated with Toeplitz operators and Hankel operators, *Pacific Journal of Mathematics* 182 (1998), 385–396.
- Jingbo Xia and Dechao Zheng, Localization and Berezin transform on the Fock space, *Journal of Functional Analysis* 264 (2013), 97–117.
- Jie Xiao, Boundedness and compactness for Hankel operators on $A^p(\phi)$ ($1 \leq p < \infty$), *Advances in Mathematics (China)* 22 (1993), 146–159.
- Jie Xiao, Carleson measure, atomic decomposition and free interpolation from Bloch space, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 19 (1994), 35–46.
- Jie Xiao, Compactness of both Toeplitz and Hankel operators on Bergman space A^2 , *Chinese Journal of Contemporary Mathematics* 15 (1994), 135–143.
- Jie Xiao, *Holomorphic Q Classes*, Springer, 2001.
- Jie Xiao, Relationship between Bloch space and weighted *BMOA* space, *Hunan Daxue Xuebao* 19 (1992), 42–50.
- Hong Yan Xu and Zhao Jun Wu, The shared set and uniqueness of meromorphic functions on annuli, *Abstract and Applied Analysis* 2013, <https://doi.org/10.1155/2013/758318>, 10 pages.
- Hong-Yan Xu and Zu-Xing Xuan, The uniqueness of analytic functions on annuli sharing some values, *Abstract and Applied Analysis* 2012, <https://doi.org/10.1155/2012/896596>, 13 pages.
- Yuan Xu, Funk-Hecke formula for orthogonal polynomials on spheres and on balls, *Bulletin of the London Mathematical Society* 32 (2000), 447–457.
- Yuan Xu, Orthogonal polynomials and summability in Fourier orthogonal series on spheres and on balls, *Mathematical Proceedings of the Cambridge Philosophical Society* 131 (2001), 139–155.
- Ding Xuanhao and Tang Shengqiang, The pluriharmonic Toeplitz operators on the polydisk, *Journal of Mathematical Analysis and Applications* 254 (2001), 233–246.
- Arika Yamada, A remark on the image of the Ahlfors function, *Proceedings of the American Mathematical Society* 88 (1983), 639–642.
- Ke Ren Yan, Some properties of Bergman operators, *Acta Mathematica Sinica (English series)* 2 (1986), 332–336.
- Zhimin Yan, Duality and differential operators on the Bergman spaces of bounded symmetric domains, *Journal of Functional Analysis* 105 (1992), 171–186.
- Jun Yang, Commuting quasihomogeneous Toeplitz operator and Hankel operator on weighted Bergman space, *Abstract and Applied Analysis* (2013), <https://doi.org/10.1155/2013/408168>, 8 pages.

- Heung Su Yi, *Harmonic Bergman Functions on Half-Spaces*, PhD thesis, Michigan State University, 1994.
- Rahman Younis, Best approximation in certain Douglas algebras, *Proceedings of the American Mathematical Society* 80 (1980), 639–642.
- Rahman Younis, Distance estimates and products of Toeplitz operators, *Michigan Mathematical Journal* 31 (1984), 49–54.
- Rahman Younis, Division in Douglas algebras and some applications, *Archiv der Mathematik (Basel)* 45 (1985), 555–560.
- Rahman Younis, Extension results in the Hardy space associated with a logmodular algebra, *Journal of Functional Analysis* 39 (1980), 16–22.
- Rahman Younis, Interpolation in strongly logmodular algberas, *Pacific Journal of Mathematics* 102 (1982), 247–251.
- Rahman M. Younis, M -ideals of L^∞/H^∞ and support sets, *Illinois Journal of Mathematics* 29 (1985), 96–102.
- Rahman Younis, Properties of certain algebras between H^∞ and L^∞ , *Journal of Functional Analysis* 44 (1981), 381–387.
- Rahman Younis and Dechao Zheng, Algebras on the unit disk and Toeplitz operators on the Bergman space, *Integral Equations and Operator Theory* 37 (2000), 106–123.
- Tao Yu, Compact operators on the weighted Bergman space $A^1(\psi)$, *Studia Mathematica* 177 (2006), 277–284.
- Tao Yu, Essential spectra of Toeplitz operators on weighted Bergman spaces, *Acta Mathematica Sinica* 49 (2006), 357–362.
- Tao Yu, Operators on the orthogonal complement of the Dirichlet space, *Journal of Mathematical Analysis and Applications* 357 (2009), 300–306.
- Tao Yu, Operators on the orthogonal complement of the Dirichlet space (II), *Science China. Mathematics* 54 (2011), 2005–2012.
- Tao Yu, Toeplitz operators on the Dirichlet space, *Integral Equations and Operator Theory* 67 (2010), 163–170.
- Tao Yu and Shan Li Sun, Compact Toeplitz operators on the weighted Bergman spaces, *Acta Mathematica Sinica* 44 (2001), 233–240.
- Tao Yu and Shi Yue Wu, Algebraic properties of dual Toeplitz operators on the orthogonal complement of the Dirichlet space, *Acta Mathematica Sinica (English Series)* 24 (2008), 1843–1852.
- Tao Yu and Shi Yue Wu, Commuting dual Toeplitz operators on the orthogonal complement of the Dirichlet space, *Acta Mathematica Sinica (English Series)* 25 (2009), 245–252.
- Miriam Leah Zelditch, Donald L. Swiderski, and H. David Sheets, *Geometric Morphometrics for Biologists*, Academic Press, 2012.

- Xiangfei Zeng, Toeplitz operators on Bergman spaces, *Houston Journal of Mathematics* 18 (1992), 387–407.
- Bo Zhang, Yan Yue Shi, and Yu Feng Lu, Products of block dual Toeplitz operators, *Acta Mathematica Sinica. Chinese Series* 54 (2011), 901–912.
- Genkai Zhang, Hankel operators on Hardy spaces and Schatten classes, *Chinese Annals of Mathematics, Ser. B*, 12 (1991), 282–294.
- Genkai Zhang, Hankel operators on the Bergman spaces, function spaces, and Schatten classes, *Chinese Annals of Mathematics, Ser. B* 12 (1991), 282–294.
- Genkai Zhang, Norm inequalities in weighted Bergman spaces, *Northeastern Mathematical Journal* 7 (1991), 119–126.
- Kan Zhang, Chao Mei Liu, and Yu Feng Lu, Toeplitz operators with BMO symbols on the weighted Bergman space of the unit ball, *Acta Mathematica Sinica (English series)* 27 (2011), 2129–2142.
- Yan Hui Zhang and Guan Tie Deng, Growth properties for a class of subharmonic functions in a half space (Chinese), *Acta Mathematica Sinica. Chinese Series* 51 (2008), 319–326.
- Liankuo Zhao, Commutativity of Toeplitz operators on the harmonic Dirichlet space, *Journal of Mathematical Analysis and Applications* 339 (2008), 1148–1160.
- Liankuo Zhao, Hankel operators on the Dirichlet space, *Journal of Mathematical Analysis and Applications* 353 (2009), 767–772.
- Ruhan Zhao, Distances from Bloch functions to some Möbius invariant spaces, *Annales Academiæ Scientiarum Fennicæ. Mathematica* 33 (2008), 303–313.
- Wenhua Zhao, Hessian nilpotent polynomials and the Jacobian conjecture, *Transactions of the American Mathematical Society* 359 (2007), 249–274.
- Zhen Gang Zhao, Double harmonic Bergman spaces, *Acta Mathematica Sinica. Chinese Series* 52 (2009), 873–880.
- Fedor Zhdanov and Yuri Kalnishkan, An identity for kernel ridge regression, *Theoretical Computer Science* 473 (2013), 157–178.
- Dechao Zheng, Commuting Toeplitz operators with pluriharmonic symbols, *Transactions of the American Mathematical Society* 350 (1998), 1595–1618.
- Dechao Zheng, Hankel operators and Toeplitz operators on the Bergman space, *Journal of Functional Analysis* 83 (1989), 98–120.
- Dechao Zheng, Semi-commutators of Toeplitz operators on the Bergman space, *Integral Equations and Operator Theory* 25 (1996), 347–372.
- Dechao Zheng, Toeplitz operators and Hankel operators, *Integral Equations and Operator Theory* 12 (1989), 280–299.
- Dechao Zheng, Toeplitz operators and Hankel operators on the Hardy space of the unit sphere, *Journal of Functional Analysis* 149 (1997), 1–24.

- Huide Zhou, Rachid Bouyekhf, and Adbellah EL Moudni, Constrained H_∞ control of urban transportation network, *Journal of Advanced Transportation* 49 (2015), 434–456.
- Ze-Hua Zhou and Xing-Tang Dong, Algebraic properties of Toeplitz operators with radial symbols on the Bergman space of the unit ball, *Integral Equations and Operator Theory* 64 (2009), 137–154.
- Yi Zhou and Wei Han, Blow-up of solutions to semilinear wave equations with variable coefficients and boundary, *Journal of Mathematical Analysis and Applications* 374 (2011), 585–601.
- Ze-Hua Zhou, Wei-Li Chen, and Xing-Tang Dong, The Berezin transform and radial operators on the Bergman space of the unit ball, *Complex Analysis and Operator Theory* 7 (2013), 313–329.
- Kehe Zhu, *Analysis on the Fock Space*, Springer, 2012.
- Kehe Zhu, Analytic Besov spaces, *Journal of Mathematical Analysis and Applications* 157 (1991), 318–336.
- Kehe Zhu, Bloch type spaces of analytic functions, *Rocky Mountain Journal of Mathematics* 23 (1993), 1143–1177.
- Kehe Zhu, Duality and Hankel operators on the Bergman spaces of bounded symmetric domains, *Journal of Functional Analysis* 81 (1988), 260–278.
- Kehe Zhu, Functions of bounded mean oscillation in the Bergman metric on bounded symmetric domains, *Proceedings of Symposia in Pure Mathematics* 52 (1991), 251–262.
- Kehe Zhu, Hilbert–Schmidt Hankel operators on the Bergman space, *Proceedings of the American Mathematical Society* 109 (1990), 721–730.
- Kehe Zhu, *Operator Theory in Function Spaces*, Marcel Dekker, 1990.
- Kehe Zhu, *Operator Theory in Function Spaces*, second edition, American Mathematical Society, 2007.
- Kehe Zhu, Restriction of the Bergman shift to an invariant subspace, *Quarterly Journal of Mathematics* 48 (1997), 519–532.
- Kehe Zhu, Schatten class Hankel operators on the Bergman space of the unit ball, *American Journal of Mathematics* 113 (1991), 147–167.
- Kehe Zhu, *Spaces of Holomorphic Functions in the Unit Ball*, Springer, 2005.
- Kehe Zhu, Spectral properties of multiplication operators on invariant subspaces of the Bergman space, *Complex Variables Theory and Application* 48 (2003), 649–655.
- Kehe Zhu, The Bergman spaces, the Bloch space, and Gleason’s problem, *Transactions of the American Mathematical Society* 309 (1988), 253–268.
- Kehe Zhu, *VMO, ESV, and Toeplitz Operators on the Bergman Space*, PhD thesis, SUNY, Buffalo, 1986.
- Kehe Zhu, *VMO, ESV, and Toeplitz operators on the Bergman space*, *Transactions of the American Mathematical Society* 302 (1987), 617–646.

- Ning Zhu, Classification of solutions of a conformally invariant third order equation in \mathbb{R}^3 , *Communications in Partial Differential Equations* 29 (2004), 1755–1782.
- William P. Ziemer, A Poincaré-type inequality for solutions of elliptic differential equations, *Proceedings of the American Mathematical Society* 97 (1986), 286–290.
- Tobias Zirr and Carsten Dachsbacher, Path differential-informed stratified MCMC and adaptive forward path sampling, *ACM Transactions on Graphics* 39 (2020), 246:1–246:19.
- Nina Zorboska, The Berezin transform and radial operators, *Proceedings of the American Mathematical Society* 131 (2003), 793–800.
- Nina Zorboska, Toeplitz operators with BMO symbols and the Berezin transform, *International Journal of Mathematics and Mathematical Sciences* 46 (2003), 2929–2945.