

## 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*, Ph.D. 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*, Ph.D. 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), 331–343p
- 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-Esteve, Harmonic extensions of distributions, *Mathematische Nachrichten* 280 (2007), 1443–1466.
- 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.
- 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.
- 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.
- Milož Arsenovic, Vesna Kojić, and Miodrag Mateljevic, On Lipschitz continuity of harmonic quasiregular maps on the unit ball in  $\mathbf{R}^n$ , *Annales Academiæ Scientiarum Fennicæ* 33 (2008), 315–318.
- 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 Tyllii, 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*, Ph.D. 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 Mantínez Avendaño, *Hankel Operators and Generalizations*, Ph.D. thesis, University of Toronto, 2000.
- Aydin Aytuna and Vyacheslav Zakharyuta, On Lelong-Bremermann lemma, *Proceedings of the American Mathematical Society* 136 (2008), 1733–1742.
- 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.
- 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.
- 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-Esteve, and A. Ruiz, Toeplitz operators on Herglotz wave functions, *Journal of Mathematical Analysis and Applications* 358 (2009), 364–379.
- Wolfram Bauer, Hilbert-Schmidt Hankel operators on the Segal-Bargmann space, *Proceedings of the American Mathematical Society* 132 (2004), 2989–2996.
- 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.
- 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.
- Y. Benyamini 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.
- 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.

- 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. Żak, 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.
- 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.
- 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, B. 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 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.
- 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.
- 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.
- 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. Cação and K. Gürlebeck, On monogenic primitives of monogenic functions, *Complex Variables and Elliptic Equations* 52 (2007), 1081–1100.
- I. Cação, 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. Cámara, A sharp inequality for Bergman-Nevalinna functions, *Publicationes Mathematicae Debrecen* 49 (1996), 77–84.
- 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.
- 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.
- 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  $L^\infty$  and  $H^\infty$ , *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*, Ph.D. thesis, University of California, Berkeley, 1999.
- Rick Chartrand, Toeplitz operators on Dirichlet-type spaces, *Journal of Operator Theory* 48 (2002), 3–13.
- Xiaoman Chen, Kunyu Guo, and Shengzhao Hou, Analytic Hilbert spaces over the complex plane, *Journal of Mathematical Analysis and Applications* 268 (2002), 684–700.
- 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 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 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 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 Heungsu 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 Heungsu 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 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, Toeplitz operators and Herz spaces on the half-space, *Integral Equations and Operator Theory* 59 (2007), 501–521.
- 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.
- 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, 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, Toeplitz operators, quantum mechanics, and mean oscillation in the Bergman metric, *Proceedings of Symposia in Pure Mathematics* 51 (1990), 97–104.
- 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*, Ph.D. 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, 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.
- Željko Čučković, *Commutants of Toeplitz Operators on the Bergman Space*, Ph.D. 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 and N. V. Rao, Mellin transform, monomial symbols and commuting Toeplitz operators, *Journal of Functional Analysis* 154 (1998), 195–214.
- 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.
- 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.
- 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.
- Waleed Deeb and Rahman Younis, On the extreme points of quotients of  $L^\infty$  by Douglas algebras, *Canadian Mathematical Bulletin* 27 (1984), 517–522.
- Waleed Deeb and Rahman Younis, Representing measures for  $H^\infty$  and extreme points, *Houston Journal of Mathematics* 11 (1985), 293–297.
- 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.

- 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.
- 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.
- 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*, Ph.D. 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  $H^\infty$  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.
- M. Engliš, *Toeplitz Operators on Bergman-type Spaces*, Ph.D. 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 Claudemir 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.
- 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.
- Pedro Freitas and João Palhoto Matos, On the characterization of harmonic and subharmonic functions via mean-value properties, *Potential Analysis* 32 (2010), 189–200.
- 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, 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.
- 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.
- P. M. Gauthier and J. Xiao, Functions of bounded expansion: normal and Bloch functions, *Journal of the Australian Mathematical Society* 66 (1999), 168–188.
- 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.
- 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* (Krystztof Jarosz, editor), Marcel Dekker, 1992, 155–167.
- Pamela Beth Gorkin, *Decomposition of the Maximal Ideal Space of  $L^\infty$* , Ph.D. thesis, Michigan State University, 1982.
- Pamela Gorkin, Decompositions of the maximal ideal space of  $L^\infty$ , *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  $L^\infty$ , *Michigan Mathematical Journal* 33 (1986), 315–323.
- Pamela Gorkin, Rotation invariant ideals in subalgebras of  $L^\infty$ , *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  $H^\infty$ , *Illinois Journal of Mathematics* 31 (1987), 629–644.
- Pamela Gorkin and Keiji Izuchi, Bourgain algebras on the maximal ideal space of  $H^\infty$ , *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  $H^\infty$ , II, *Journal of Functional Analysis* 177 (2000), 107–129.
- Pamela Gorkin, Keiji Izuchi, and Raymond Mortini, Sequences separating fibers in the spectrum of  $H^\infty$ , *Topology and its Applications* 129 (2003), 221–238.
- P. Gorkin, H.-M. Lingenberg, and R. Mortini, Homeomorphic disks in the spectrum of  $H^\infty$ , *Indiana University Mathematics Journal* 39 (1990), 961–983.
- Pamela 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.
- Roderic Grupen, Chris I. Connolly, Kamal X. Souccar, and Wayne P. Burlison, 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.
- 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  $\mathbb{C}^n$ , *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  $\mathbb{C}^n$ , *Complex Variables Theory and Application* 17 (1991), 89–104.
- Paul R. Halmos, *A Hilbert Space Problem Book*, second edition, Springer, 1982.
- 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.
- 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*, Ph.D. thesis, Michigan State University, 1981.
- Eric Hayashi, *Past and Future on the Real Line*, Ph.D. 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.
- 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.

- Yôsuke Hishikawa, Fractional calculus on parabolic Bergman spaces, *Hiroshima Mathematical Journal* 38 (2008), 471–488.
- Michael John Hoffman, *Product and Commutation Properties of Hilbert Space Operators*, Ph.D. 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 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.
- Zhangjian Hu, On analytic Besov functions, *Mathematica Japonica* 42 (1995), 53–58.
- Ritva Hurri, Poincaré domains in  $\mathbf{R}^n$ , *Academiæ Scientiarum Fennicæ Annales Mathematica Dissertationes* 71 (1988).
- Yujiro Ishikawa, Mitsuru Nakai, and Toshimasa Tada, A form of classical Picard principle, *Japan Academy. Proceedings. Series A. Mathematical Sciences* 72 (1996), 6–7.
- 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  $H^\infty$ , 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  $H^\infty$  and nontangential limits, *Dopov./Dokl. Akad. Nauk Ukraïni* 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  $H^\infty$ , *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  $L^\infty$  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  $H^\infty$ , *Proceedings of the American Mathematical Society* 111 (1991), 1057–1065.
- Keiji Izuchi, Interpolating sequences in the maximal ideal space of  $H^\infty$ , *Journal of the Mathematical Society of Japan* 43 (1991), 721–731.
- Keiji Izuchi, Interpolating sequences in the maximal ideal space of  $H^\infty$  II, *Operator Theory: Advances and Applications* 59 (1992), 221–233.
- 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  $H^\infty$  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*, Ph.D. 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.
- 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.
- Peter W. Jones, Estimates for the corona problem, *Journal of Functional Analysis* 39 (1980), 162–181.
- 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*, Ph.D. thesis, Michigan State University, 1994.
- 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, On harmonic diffeomorphisms of the unit disc onto a convex domain, *Complex Variables Theory and Application* 48 (2003), 175–187.

- 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 Miroslav Pavlović, Boundary correspondence under quasiconformal harmonic diffeomorphisms of a half-plane, *Annales Academiæ Scientiarum Fennicæ Mathematica* 30 (2005), 159–165.
- Hyeonbae Kang and Hyungwoon Koo, Estimates of the harmonic Bergman kernel on smooth domains, *Journal of Functional Analysis* 185 (2001), 220–239.
- 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.  
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  $BMO_\lambda^p(\mathbb{D})$ , compact Toeplitz operators with  $BMO_\lambda^1(\mathbb{D})$  symbols on weighted Bergman spaces, and the Berezin transform, *Russian Mathematics (Izvestiya VUZ. Matematika)* 50 (2006), 71–74.
- 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.
- Arkady L. Kholodenko, Boundary conformal field theories, limit sets of Kleinian groups and holography, *Journal of Geometry and Physics* 35 (2000), 193–238.
- In-Jae Kim and Bryan L. Shader, On Fiedler- and Parter-vertices of acyclic matrices, *Linear Algebra and its Applications* 428 (2008), 2601–2613.

- 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.
- 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.
- Sherwin Kouchejian, 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, 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.
- 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.
- Hanzel Larez and Hugo Leiva, Interior controllability of a  $2 \times 2$  reaction-diffusion system with cross-diffusion matrix, *Boundary Value Problems* 2009, Art. ID 560407, 9 pages.
- Peter D. Lax, *Linear Algebra*, Wiley, 1997.
- 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*, Ph.D. thesis, Michigan State University, 1995.
- Young Joo Lee, Compact radial operators on the harmonic Bergman space, *Journal of Mathematics of Kyoto University* 44 (2004), 769–777.
- 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.
- 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.
- 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.
- 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.
- Song Xiao Li and Jun Yun Hu, Compact operators on Bergman spaces of the unit ball, *Acta Mathematica Sinica* 47 (2004), 837–844.
- 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  $H^\infty$ , *Acta Mathematica Sinica* 2 (1986), 270–279.
- 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.
- Jean-Jacques Loeb, Applications harmoniques et hyperbolicité de domaines tubes, *L'Enseignement Mathématique* 53 (2007), 347–367.
- 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.
- Yu Feng Lu and Jun Yang, Berezin transform and Hankel products on the weighted Bergman space  $A_\alpha^2$ , *Acta Mathematica Sinica* 52 (2009), 665–676.
- Yufeng Lu, Localization of Toeplitz operators on Bergman space, *Northeastern Mathematical Journal* 17 (2001), 461–468.
- 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  $L^\infty$  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.
- Wolfgang Lusky, Toeplitz operators on generalized Bergman-Hardy spaces, *Mathematica Scandinavica* 88 (2001), 96–110.
- Russell Lyons and Kevin Zumbrun, Homogeneous partial derivatives of radial functions, *Proceedings of the American Mathematical Society* 121 (1994), 315–316.
- 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.
- Sridhar Mahadevan, Proto-value functions: developmental reinforcement learning, *ACM 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*, Ph.D. thesis, UCLA, 1976.
- Donald E. Marshall, Subalgebras of  $L^\infty$  containing  $H^\infty$ , *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 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.
- 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.

- 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.
- V. A. Menegatto and C. P. Oliveira, Orthogonal bases for space of complex spherical harmonics, *Journal of Applied Analysis* 11 (2005), 113–132.
- 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*, Ph.D. 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.
- 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.
- Diego R. Moreira, Least supersolution approach to regularizing free boundary problems, *Archive for Rational Mechanics and Analysis* 191 (2009), 97–141.
- 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.
- 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*, Ph.D. 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.
- Kyesook Nam, Representations and interpolations of weighted harmonic Bergman functions, *Rocky Mountain Journal of Mathematics* 36 (2006), 237-263.
- Kyesook Nam, Dechao Zheng, Changyong Zhong,  $m$ -Berezin transform and compact operators, *Revista Matemática Iberoamericana* 22 (2006) 867-892.

- 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. Nikol'skii, Commutators and semicommutators of some Toeplitz algebras, *Dilation Theory, Toeplitz Operators, and Other Topics*, Birkhäuser, 1983, 261–263.
- N. K. Nikol'skii, Ha-plitz operators: A survey of some recent results, *Operators and Function Theory* (S. C. Power, editor), D. Reidel, 1985.
- N. K. Nikol'skii, *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 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.
- Shūichi 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.

- 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.
- 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.
- 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.
- Roberto Domingo Pascual-Marqui, Review of methods for solving the EEG inverse problem, *International Journal of Bioelectromagnetism* 1 (1999), 75–86.
- 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*, Ph.D. 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* (Krystztof Jarosz, editor), Marcel Dekker, 1992, 325–336.
- K. E. Petersen, *Brownian Motion, Hardy Spaces and Bounded Mean Oscillation*, London Mathematical Society, 1977.
- 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.
- 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.
- Neil Portnoy, *Differentiation and Composition on the Hardy and Bergman Spaces*, Ph.D. 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.
- 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.
- 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*, Ph.D. thesis, Virginia Polytechnic Institute, 1993.
- Roberto C. Raimondo, Hilbert-Schmidt Hankel operators on the Bergman space of planar domains, *Integral Equations and Operator Theory* 57 (2007), 425–449.
- 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.
- 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.
- 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.
- 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*, Ph.D. 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 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.
- Klaus Saatkamp, Best approximation in the space of bounded operators and its applications, *Mathematische Annalen* 250 (1980), 35–54.
- 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  $H^\infty$  and  $L^\infty$ , *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.
  - Alexander P. Schuster, Interpolation by Bloch functions, *Illinois Journal of Mathematics* 43 (1999), 677–691.
  - Micheál Ó Searcóid, 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*, Ph.D. 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.
  - 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  $L^q$ -Cossarat 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.
- 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*, Ph.D. 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  $\mathbf{C}^n$ , *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, 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, Meromorphic and harmonic functions inducing continuous maps from  $M_{H^\infty}$  in the Riemann sphere, *Journal of Functional Analysis* 183 (2001), 164–210.
- 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  $L^\infty$  and  $H^\infty$ , *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.
- Erik Talvila, Estimates of Henstock-Kurzweil Poisson integrals, *Canadian Mathematical Bulletin* 48 (2005), 133–146.
- 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  $\infty$  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.
- 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.
- 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.
- 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*, Ph.D. 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.
- 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.
- 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.
- 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  $W_\alpha$ , *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.
- 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.

- 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* 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.
- Heung Su Yi, *Harmonic Bergman Functions on Half-Spaces*, Ph.D. 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 algebras, *Pacific Journal of Mathematics* 102 (1982), 247–251.
- Rahman M. Younis,  $M$ -ideals of  $L^\infty/H^\infty$  and support sets, *Illinois Journal of Mathematics* 29 (1985), 96–102.
- Rahman Younis, Properties of certain algebras between  $H^\infty$  and  $L^\infty$ , *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.

- Xiangfei Zeng, Toeplitz operators on Bergman spaces, *Houston Journal of Mathematics* 18 (1992), 387–407.
- Liankuo Zhao, Commutativity of Toeplitz operators on the harmonic Dirichlet space, *Journal of Mathematical Analysis and Applications* 339 (2008), 1148–1160.
- 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* 52 (2009), 873–880.
- 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.
- Yan Hui Zhang and Guan Tie Deng, Growth properties for a class of subharmonic functions in a half space (Chinese), *Acta Mathematica Sinica* 51 (2008), 319–326.
- 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.

- 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*, Ph.D. 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.
- 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.