

Curriculum Vitae (short)

1. Personal

Name: Carlos Kubrusly

Birth date: November 24, 1947

Birth place: Rio de Janeiro, Brazil

Nationality: Brazilian

Names in citations: Carlos S. Kubrusly; Carlos Kubrusly; C.S. Kubrusly; C. Kubrusly

2. Degrees

Ph.D. – Control Theory, University of Warwick, England, March 1976.

M.Sc. – Control Systems, Catholic University of Rio de Janeiro, May 1973.

B.Sc. – Electrical Engineering, Catholic University of Rio de Janeiro, December 1971.

3. Positions

Professor Emeritus, Catholic University of Rio de Janeiro, since 2019.

Collaborating Professor, Federal University of Rio de Janeiro, 2018–2021.

Professor, Catholic University of Rio de Janeiro, 1988–2018.

Full Researcher, National Laboratory for Scientific Computation, 1982–1999.

Associate Researcher, National Laboratory for Scientific Computation, 1980–1982.

Associate Professor, Catholic University of Rio de Janeiro, 1979–1988.

Assistant Professor, Catholic University of Rio de Janeiro, 1976–1979.

Undergraduate Tutor, University of Warwick, 1974.

Auxiliary Professor, Catholic University of Rio de Janeiro, 1973.

Auxiliary Researcher, Catholic University of Rio de Janeiro, 1972.

Undergraduate Tutor, Catholic University of Rio de Janeiro, 1971.

4. Career

▷ Postdoctoral researcher at: Control Theory Centre – University of Warwick (England, 1976), Mathematics Institute – University of São Paulo (Brazil, 1977), Institut für Ökonometrie und Operations Research – Universität Bonn (Germany, 1979), Control Theory Centre – University of Warwick (England, 1979, 1980 and 1981).

▷ Lectures on: Algebraic and Topological Structures, Filtering, Functional Analysis, Hilbert Space Operators, Introduction to Measure Theory, Linear Systems, Measure on Topological Spaces, Models and Decomposition in Operator Theory, Partial Differential Equations, Real Analysis, Spectral Analysis, Stochastic Processes, System Identification.

▷ Thesis supervisor: 12 M.Sc students and 5 Ph.D students.

▷ Talks delivered at: Brazilian Center for Physics Research at Rio de Janeiro, Catholic University of Rio de Janeiro, Federal University at Niteroi, Federal University at Ouro Preto, Federal University at Rio de Janeiro, National Laboratory for Scientific Computation at Rio de Janeiro, Universität Bonn, Universität Bremen, Universität des Saarlandes at Saarbrücken, University of São Paulo, University of Warwick.

▷ Examiner: 41 M.Sc thesis and 25 Ph.D thesis.

▷ Reviewer: 94 articles for Mathematical Reviews, 22 articles for Zentralblatt für Mathematik, 4 articles Statistical Theory and Methods Abstracts.

▷ Referee for 79 international journals: Abstract and Applied Analysis, Academic Press/Elsevier Books, Acta et Commentationes Universitatis Tartuensis de Mathematica, Acta Mathematica Scientia, Acta Mathematica Universitatis Comenianae, Acta Scientiarum Mathematicarum (Szeged), Advances in Operator Theory, Annals of the Alexandru Ioan Cuza University–Mathematics, Annales Polonici Mathematici, Annales UMCS Mathematica–The Journal of Maria Curie-Sklodowska University, Applicable Analysis, Applied Mathematics–A Journal of Chinese Universities, Applied Mathematics and Optimization, Applied Mathematics Letters, Archiv der Mathematik, Asian Journal of Mathematics and Computer Research, Automatica–The IFAC Journal, Birkhäuser/Springer Books, Bulletin of the Belgium Mathematical Society, Bulletin of the Brazilian Mathematical Society, Bulletin of the Korean

Mathematical Society, Bulletin of Mathematical Analysis and Applications, Bulletin of Pure and Applied Mathematics, Communications of the Korean Mathematical Society, Complex Analysis and Operator Theory, Computational and Applied Mathematics, Concrete Operators, Cubo - A Mathematical Journal, Demonstratio Mathematica, Far East Journal of Mathematical Sciences, Filomat, IEEE Transactions on Automatic Control, IEEE Transactions on Circuits and Systems, IEEE Transactions on Neural Networks and Learning Systems, Indian Journal of Pure and Applied Mathematics, Indagationes Mathematicae, International Journal of Functional Analysis Operator Theory and Applications, Journal of Advances in Mathematics and Computer Science, Journal of Computational and Theoretical Transport, Journal of Inequalities and Applications, Journal of Optimization Theory and Applications, Journal of the London Mathematical Society Kragujevac Journal of Mathematics, Large Scale System Theory and Applications, Le Matematiche, Lecture Notes in Mathematics/Springer, Linear Algebra and its Applications, Linear and Multilinear Algebra, Matematički Vesnik, Mathematica Slovaca, Mathematical Journal of Madrid Academy of Sciences–RACSAM, Mathematical Problems in Engineering, Mathematics MDPI, Mathematische Nachrichten, Mediterranean Journal of Mathematics, Methods of Functional Analysis and Topology Note di Matematica, Numerical Functional Analysis and Optimization, Operators and Matrices, Physica D: Nonlinear Phenomena, Problemy Analiza–Issues of Analysis, Portugaliae Mathematica, Proceedings 1985 American Control Conferences, Proceedings 1985 IEEE Conferences on Decision and Control, Proceedings 1986 IEEE Conferences on Decision and Control, Proceedings 5th IFAC Symposium on Control of Distributed Parameter Systems, Proceedings 10th IFAC World Congresses, Proceedings 2005 IFAC World Congress, Proceedings 2007 Operator Theory Conference, Proceedings of the American Mathematical Society, Proceedings of the London Mathematical Society, Rendiconti del Circolo Matematico di Palermo, Rocky Mountain Journal of Mathematics, Sarajevo Journal of Mathematics, SIAM Journal of Control and Optimization, Studia Universitatis Babes-Bolyai Mathematica, Systems and Control Letters, Topological Methods in Nonlinear Analysis, Ukrainian Mathematical Journal.

▷ Elected member of several committees at Catholic University of Rio de Janeiro and National Laboratory for Scientific Computation, Rio de Janeiro. Member of promotion and admission committees at Catholic University of Rio de Janeiro, Federal University at Rio de Janeiro, Federal University at Niteroi, Institute of Pure and Applied Mathematics at Rio de Janeiro, National Laboratory for Scientific Computation at Rio de Janeiro, Polytechnic Institute of Rio de Janeiro, State University of Campinas, State University of Rio de Janeiro, University of São Paulo.

▷ Scientific consultant for the Brazilian Ministry of Education, Brazilian National Research Council, Rio de Janeiro State Research Council.

▷ Member of the international program committees for the 4th IFAC Symposium on Control of Distributed Parameter Systems at Los Angeles in 1986, 1st IFAC Workshop on Sensors and Actuators in Distributed Parameter Systems at Perpignan in 1987, 5th IFAC Symposium on Control of Distributed Parameter Systems at Perpignan in 1989, 1st International Conference on Semigroups of Operators: Theory and Applications at Newport Beach in 1998, 2nd International Conference on Semigroups of Operators: Theory and Applications at Rio de Janeiro in 2001, CFL–80 International Conference at Rio de Janeiro in 2010.

▷ Participation in 16 international conferences, and 24 national conferences, all with paper presentation. Plenary section at the Toulouse IFAC Symposium in 1982 and at the Newport Beach SOTA1 Conference in 1998.

▷ Financial support (approximately US\$450,000.00 received along the years) for individual research supplied by Brazilian Ministry of Education, Brazilian National Research Council, Brazilian Telecommunications, British Council, French Government, IBM Brazil, Rio de Janeiro State Research Council.

▷ Editor (with C.A. de Moura) of the book *The Courant–Friedrichs–Lewy (CFL) Condition* (Proceedings of the International Conference: CFL condition - 80 years gone by), Birkhäuser/Springer, New York, 2013; Editor (with N. Levan and M.A. da Silveira) of the book *Semigroups of Operators: Theory and Applications* (Proceedings of the 2nd International Conference on Semigroups of Operators: Theory and Applications), Optimization Software Publ., Los Angeles, 2002; Editor of the journal *Computational and Applied Mathematics* from 1981 to 1998 – Chief Editor from 1992 to 1998, Birkhäuser, Boston.

5. Publications

◦ LISTED BELOW:

9 single-authored books published by Birkhäuser, Springer, and Academic Press;

139 papers in international journals and proceedings of international conferences;

125 papers in international journals;

14 papers in proceedings of international conferences;

44 single-authored papers.

◦ NOT LISTED:

5 edited books, proceedings, and journals;

8 expository papers and book reviews;

19 papers in proceedings of Brazilian and/or Latin American conferences;

51 internal reports: University of California Los Angeles – University of Warwick – National Laboratory for Scientific Computation — Catholic University of Rio de Janeiro;

18 extended abstracts.

6. Selected Publication List

• BOOKS:

9. C.S. Kubrusly, *Bilinear Maps and Tensor Products in Operator Theory*, Springer-Switzerland, Cham, 2023 (268 pp).
8. C.S. Kubrusly, *Spectral Theory of Bounded Linear Operators*, Birkhauser-Springer-Switzerland, Cham, 2020 (261 pp).
7. C.S. Kubrusly, *Essentials of Measure Theory*, Springer-Switzerland, Cham, 2015 (293 pp).
6. C.S. Kubrusly, *Spectral Theory of Operators on Hilbert Spaces*, Birkhäuser-Springer, New York, 2012 (207 pp).
5. C.S. Kubrusly, *The Elements of Operator Theory*, 2nd edn, Birkhäuser-Springer, New York, 2011 (555 pp).
4. C.S. Kubrusly, *Measure Theory: A First Course*, Academic Press-Elsevier, San Diego, 2007 (176 pp).
3. C.S. Kubrusly, *Hilbert Space Operators: A Problem Solving Approach*, Birkhäuser, Boston, 2003 (168 pp).
2. C.S. Kubrusly, *Elements of Operator Theory*, Birkhäuser, Boston, 2001 (544 pp).
1. C.S. Kubrusly, *An Introduction to Models and Decompositions in Operator Theory*, Birkhäuser, Boston, 1997 (144 pp).

• ARTICLES IN JOURNALS:

125. C.S. Kubrusly and P.C.M. Vieira, *Weak Stability and Quasistability*, **Rendiconti del Circolo Matematico di Palermo**, vol. 73, n^o 8, pp. 3217–3228, Dec. 2024 (Springer, New York).
124. B.P. Duggal and C.S. Kubrusly, *Forms of Biisometric Operators and Biorthogonality*, **Linear and Multilinear Algebra**, vol. 72, n^o 18, pp. 3217–3230, Nov. 2024 (Taylor & Francis, London).
123. Z.J. Jablonski, I.B. Jung, C.S. Kubrusly, and J. Stochel, *Convergence of power sequences of operators via their stability*, **Banach Journal of Mathematical Analysis**, vol. 18, n^o 4, pp. 1–27, Oct. 2024 (Birkhauser-Springer, Basel).
122. C.S. Kubrusly, *Weak Supercyclicity — An Expository Survey*, **Results in Mathematics**, vol. 79, n^o 5, pp. 1–30, Aug. 2024 (Birkhäuser-Springer, Basel).
121. C.S. Kubrusly and B.P. Duggal, *Weak l -Sequential Supercyclicity and Weak Quasistability*, **Rendiconti del Circolo Matematico di Palermo**, vol. 73, n^o 2, pp. 663–673, Mar. 2024 (Springer, New York).
120. P.S. Bourdon, C.S. Kubrusly, T. Le, and D. Thompson, *Closed Range Posinormal Operators and their Products*, **Linear Algebra and its Application**, Vol. 671, pp. 38–58, Aug. 2023 (Elsevier, New York).
119. C.S. Kubrusly and N. Levan, *Erratum/Addendum to “Biisometric Operators and Biorthogonal Sequences”*, **Bulletin of the Korean Mathematical Society**, Vol. 60, n^o 3, pp. 845–848, May 2023 (Korean Mathematical Society, Seoul).
118. C.S. Kubrusly, P.C.M. Vieira and J. Zani, *Erratum/Addendum to “Powers of Posinormal Operators”*, **Operators and Matrices**, Vol. 16, n^o 4, pp. 1239–1242, Dec. 2022 (Publishing House ELEMENT, Zagreb).
117. C.S. Kubrusly, *Restriction of Uniform Crossnorms*, **New York Journal of Mathematics**, Vol. 28, pp. 1656–1666, Dec. 2022 (SUNY, Univ. at Albany).
116. C.S. Kubrusly, *On Extensions of Bilinear Maps*, **Mathematica Slovaca**, Vol. 72, n^o 4, pp. 959–968, Aug. 2022 (De Gruyter, Berlin).
115. C.S. Kubrusly, *Trace-Class and Nuclear Operators*, **Concrete Operators**, Vol. 9, n^o 1, pp. 53–69, May 2022 (De Gruyter, Berlin).

114. C.S. Kubrusly and B.P. Duggal, *Weakly Supercyclic Power Bounded Operators of Class C_1* , **Advances in Mathematical Sciences and Applications**, Vol. 30, n^o 2, pp. 571–585, Nov. 2021 (Gakkotosho, Tokyo).
113. C.S. Kubrusly, *Algebraic Tensor Products Revisited: Axiomatic Approach*, **Bulletin of the Malaysian Mathematical Sciences Society**, Vol. 44, n^o 4, pp. 2335–2355, Jun. 2021 (Springer, New York).
112. B.P. Duggal and C.S. Kubrusly, *Power Bounded m -Left Invertible Operators*, **Linear and Multilinear Algebra**, Vol. 69, n^o 3, pp. 515–525, Mar. 2021 (Taylor & Francis, London).
111. C.S. Kubrusly and B.P. Duggal, *Asymptotic Limits, Banach Limits, and Cesàro Means*, **Advances in Mathematical Sciences and Applications**, Vol. 29, n^o 1, pp. 145–170, Oct. 2020 (Gakkotosho, Tokyo).
110. C.S. Kubrusly, *Denseness of Sets of Supercyclic Vectors*, **Mathematical Proceedings of the Royal Irish Academy**, Vol. 120A, n^o 1, pp. 7–18, Feb. 2020 (Royal Irish Academy, Dublin).
109. C.S. Kubrusly and N. Levan, *Biisometric Operators and Biorthogonal Sequences*, **Bulletin of the Korean Mathematical Society**, Vol. 56, n^o 3, pp. 585–596, May. 2019 (Korean Mathematical Society, Seoul).
108. B.P. Duggal, I.H. Kim and C.S. Kubrusly, *Operators Satisfying a Similarity Condition*, **Linear and Multilinear Algebra**, Vol. 67, n^o 5, pp. 896–910, Mar. 2019 (Taylor & Francis, London).
107. A. Mello and C.S. Kubrusly, *Residual Spectrum of Power Bounded Operators*, **Functional Analysis, Approximation and Computation**, Vol. 10, n^o 3, pp. 21–26, Nov. 2018 (University of Nis-Serbia, Nis).
106. C.S. Kubrusly, *Range-Kernel Complementation*, **Studia Scientiarum Mathematicarum Hungarica**, Vol. 55, n^o 3, pp. 327–344, Sep. 2018 (Akademiai Kiado, Budapest).
105. C.S. Kubrusly and P.C.M. Vieira, *Boundedly Spaced Subsequences and Weak Dynamics*, **Journal of Function Spaces**, Vol. 2018, article id 4732836, pp. 1–5, Aug. 2018 (Hindawi, London).
104. C.S. Kubrusly and B.P. Duggal, *On Weak Supercyclicity I*, **Mathematical Proceedings of the Royal Irish Academy**, Vol. 118A, n^o 2, pp. 47–63, Jul. 2018 (Royal Irish Academy, Dublin).
103. C.S. Kubrusly and B.P. Duggal, *On Weak Supercyclicity II*, **Czechoslovak Mathematical Journal**, Vol. 68(143), n^o 2, pp. 371–371, Jun. 2018 (Springer, New York).
102. A. Conci and C.S. Kubrusly, *Distance Between Sets – A Survey*, **Advances in Mathematical Sciences and Applications**, Vol. 26, n^o 1, pp. 1–18, Nov. 2017 (Gakkotosho, Tokyo).
101. C.S. Kubrusly and B.P. Duggal, *A Note on Range-Kernel Uncomplementation*, **Demonstratio Mathematica**, Vol. 50, n^o 1, pp. 252–260, Oct. 2017 (De Gruyter, Berlin).
100. B.P. Duggal and C.S. Kubrusly, *Perturbation of Banach Space Operators with a Complemented Range*, **Glasgow Mathematical Journal**, Vol. 59, n^o 3, pp. 659–671, Sep. 2017 (Cambridge University Press, Cambridge).
99. C.S. Kubrusly, *On Similarity to Normal Operators*, **Mediterranean Journal of Mathematics**, Vol. 13, n^o 4, pp. 2073–2085, Aug. 2016 (Birkhäuser-Springer, Basel).
98. A. Mello and C.S. Kubrusly, *Quasiaffinity and Invariant Subspaces*, **Archiv der Mathematik**, Vol. 107, n^o 2, pp. 173–184, Aug. 2016 (Birkhäuser-Springer, Basel).
97. C.S. Kubrusly and B.P. Duggal, *Upper-Lower and Left-Right Semi-Fredholmness*, **Bulletin of the Belgian Mathematical Society – Simon Stevin**, Vol. 23, n^o 2, pp. 217–233, May. 2016 (Belgian Mathematical Society, Brussels).
96. C.S. Kubrusly and B.P. Duggal, *Weyl Spectral Identity and Biquasitriangularity*, **Proceedings of the Edinburgh Mathematical Society**, Vol. 59, n^o 2, pp. 363–375, May 2016 (Cambridge University Press, Cambridge).
95. C.S. Kubrusly, *Singular-Continuous Unitaries and Weak Dynamics*, **Mathematical Proceedings of the Royal Irish Academy**, Vol. 116A, n^o 1, pp. 45–56, Apr. 2016 (Royal Irish Academy, Dublin).
94. C.S. Kubrusly, P.C.M. Vieira and J. Zanni, *Powers of Posinormal Operators*, **Operators and Matrices**, Vol. 10, n^o 1, pp. 15–27, Mar. 2016 (Publishing House ELEMENT, Zagreb).
93. B.P. Duggal, C.S. Kubrusly and I.H. Kim, *Bishop's Property (β), a Commutativity Theorem and the Dynamics of Class $A(s, t)$ Operators*, **Journal of Mathematical Analysis and Applications**, vol. 427, n^o 1, pp. 107–113, Jul. 2015 (Academic Press/Elsevier, New York).
92. B.P. Duggal and C.S. Kubrusly, *Erratum/Addendum to "PF property and property (β) for paranormal operators"*, **Rendiconti del Circolo Matematico di Palermo**, vol. 64 n^o 1, pp. 167–170, Apr. 2015 (Springer, New York).
91. J. Zanni and C.S. Kubrusly, *A Note on Compactness of Tensor Products*, **Acta Mathematica Universitatis Comenianae**, vol. 84, n^o 1, pp. 59–62, Feb. 2015 (Comenius University, Bratislava).

90. C.S. Kubrusly, *Contractions T for which A is a Projection*, **Acta Scientiarum Mathematicarum (Szeged)**, vol. 80, n^o 3-4, pp. 603–624, Dec. 2014 (Bolyai Institute, Szeged).
89. B.P. Duggal, S. Djordjević and C.S. Kubrusly, *Algebraic Elementary Operators*, **Functional Analysis, Approximation and Computation**, vol. 6, n^o 2, pp. 43–50, Oct. 2014 (University of Nis-Serbia, Nis).
88. B.P. Duggal and C.S. Kubrusly, *A Putnam–Fuglede Commutativity Property for Hilbert Space Operators*, **Linear Algebra and its Application**, vol. 458, pp. 108–115, Oct. 2014 (Elsevier, New York).
87. B.P. Duggal, S.V. Djordjević and C.S. Kubrusly, *Elementary Operators, Finite Ascent, Range Closure and Compactness*, **Linear Algebra and its Applications**, vol. 449, pp. 334–349, May 2014 (Elsevier, New York).
86. B.P. Duggal and C.S. Kubrusly, *Biquasitriangularity and Derivations*, **Functional Analysis, Approximation and Computation**, vol. 6, n^o 1, pp. 41–48, Apr. 2014 (University of Nis-Serbia, Nis).
85. B.P. Duggal and C.S. Kubrusly, *PF Property and Property (β) for Paranormal Operators*, **Rendiconti del Circolo Matematico di Palermo**, vol. 63, n^o 1, pp. 129–140, Apr. 2014; Erratum, vol. 64, n^o 1, pp. 167–170, Apr. 2015 (Springer, New York).
84. N. Levan and C.S. Kubrusly, *Dual-Shift Decomposition and Wavelets*, **International Journal of Wavelets, Multiresolution and Information Processing**, vol. 12, n^o 2, pp. 14500143.1–14500143.15, Mar. 2014 (World Scientific, New Jersey).
83. N. Levan and C.S. Kubrusly, *s-Matrix Inversion Lemma*, **Advances in Differential Equations and Control Processes**, vol. 11, n^o 2, pp. 135–144, Sep. 2013 (Pushpa Publishing House, Allahabad).
82. N. Levan and C.S. Kubrusly, *Exponential Dichotomy and Strongly Stable Vectors of Hilbert Space Contraction Semigroups*, **Matematički Vesnik**, vol. 65, n^o 2, pp. 166–177, Jun. 2013 (Mathematical Society of Serbia, Beograd).
81. C.S. Kubrusly, *Regular Lattices of Tensor Products*, **Linear Algebra and its Applications**, vol. 438, n^o 1, pp. 428–435, Jan. 2013 (Elsevier, New York).
80. C.S. Kubrusly and B.P. Duggal, *On Weyl’s Theorem for Tensor Products*, **Glasgow Mathematical Journal**, vol. 55, n^o 1, pp. 139–144, Jan. 2013 (Cambridge University Press, Cambridge).
79. N. Levan and C.S. Kubrusly, *Exponential Stability and Dissipativity*, **Functional Analysis, Approximation and Computation**, vol. 4, n^o 2, pp. 9–14, Sep. 2012 (University of Nis-Serbia, Nis).
78. N. Levan and C.S. Kubrusly, *Unitary Equivalence and Translation Representation in Wavelet Theory*, **International Journal of Wavelets, Multiresolution and Information Processing**, vol. 10, n^o 2, pp. 1250019.1–1250019.13, Apr. 2012 (World Scientific, New Jersey).
77. C.S. Kubrusly, *A Note on Browder Spectrum*, **Bulletin of the Belgian Mathematical Society – Simon Stevin**, vol. 19, n^o 1, pp. 185–191, Feb. 2012 (Belgian Mathematical Society, Brussels).
76. C.S. Kubrusly and N. Levan, *Applications of Hilbert Space Dissipative Norm*, **Bulletin of the Korean Mathematical Society**, vol. 49, n^o 1, pp. 99–107, Jan. 2012 (Korean Mathematical Society, Seoul).
75. C.S. Kubrusly and N. Levan, *On Exponential Stability of Contraction Semigroups*, **Semigroup Forum**, vol. 83, n^o 3, pp. 513–521, Dec. 2011 (Springer, New York).
74. B.P. Duggal and C.S. Kubrusly, *Quasi-Similar k -Paranormal Operators*, **Operators and Matrices**, vol. 5, n^o 3, pp. 417–423, Sep. 2011 (Publishing House ELEMENT, Zagreb).
73. C.S. Kubrusly and N. Levan, *Preservation of Tensor Sum and Tensor Product*. **Acta Mathematica Universitatis Comenianae**, vol. 80, n^o 1, pp. 133–142, Jan. 2011 (Comenius University, Bratislava).
72. B.P. Duggal, S.V. Djordjević and C.S. Kubrusly, *On the a -Browder and a -Weyl Spectra of Tensor Products*, **Rendiconti del Circolo Matematico di Palermo**, vol. 59, n^o 3, pp. 473–481, Dez. 2010 (Springer, New York).
71. C.S. Kubrusly, *Regular Subspaces of Tensor Products*, **Advances in Mathematical Sciences and Applications**, vol. 20, n^o 1, pp. 235–247, Jul. 2010 (Gakkotosho, Tokyo).
70. C.S. Kubrusly and B.P. Duggal, *A Note on k -Paranormal Operators*, **Operators and Matrices**, vol. 4, n^o 2, pp. 213–223, Jun. 2010 (Publishing House ELEMENT, Zagreb).
69. C.S. Kubrusly, *Invariant Subspaces of Multiple Tensor Products*, **Acta Scientiarum Mathematicarum (Szeged)**, vol. 75, n^o 4, pp. 679–692, Nov. 2009 (Bolyai Institute, Szeged).
68. C.S. Kubrusly and N. Levan, *Stabilities of Hilbert Space Contraction Semigroups Revisited*, **Semigroup Forum**, vol. 79, n^o 2, pp. 341–348, Sep. 2009 (Springer, New York).

67. C.S. Kubrusly and N. Levan, *Orthogonal Decompositions for Wavelets*, **Applied Mathematics Letters**, vol. 22, n^o 8, pp. 1286–1291, Aug. 2009 (Pergamon/Elsevier, New York).
66. C.S. Kubrusly and P.C.M. Vieira, *Convergence and Decomposition for Tensor Products of Hilbert Space Operators*, **Operators and Matrices**, vol. 2, n^o 3 pp. 407–416, Sep. 2008 (Publishing House ELEMENT, Zagreb).
65. C.S. Kubrusly and B.P. Duggal, *On Weyl and Browder Spectra of Tensor Products*, **Glasgow Mathematical Journal**, vol. 50, n^o 2, pp. 289–302, May 2008 (Cambridge University Press, Cambridge).
64. C.S. Kubrusly, *Fredholm Theory in Hilbert Space – A Concise Introductory Exposition*, **Bulletin of the Belgian Mathematical Society – Simon Stevin**, vol. 15, n^o 1, pp. 153–177, Jan. 2008 (Belgian Mathematical Society, Brussels).
63. S. Majumdar, N. Levan and C.S. Kubrusly, *Multilevel Decomposition in Hilbert Space*, **Current Development in Theory and Applications of Wavelet**, vol. 1, n^o 3, pp. 273–292, Dec. 2007 (Pushpa Publishing House, Allahabad).
62. C.S. Kubrusly, *Tensor Product of Proper Contractions, Stable and Posinormal Operators*, **Publicaciones Mathematicae Debrecen**, vol. 71, n^o 3-4, pp. 425–437, Oct. 2007; Erratum, vol. 78, n^o 1, p. 251, Jan. 2011 (Institutum Mathematicum Universitatis Debreceniensis, Debrecen).
61. P.C.M. Vieira and C.S. Kubrusly, *Multiplicative Perturbation by Contractions and Uniform Stability*, **Zeitschrift für Analysis und ihre Anwendungen**, vol. 26, n^o 4, pp. 391–406 Sep. 2007 (European Mathematical Society, Leipzig).
60. N. Levan and C.S. Kubrusly, *Reversed Wavelet Functions and Subspaces*, **International Journal of Wavelets, Multiresolution and Information Processing**, vol. 5, n^o 5, pp. 699–707, Sep. 2007 (World Scientific, New Jersey).
59. C.S. Kubrusly and B.P. Duggal, *On Posinormal Operators*, **Advances in Mathematical Sciences and Applications**, vol. 17, n^o 1, pp. 131–148, Jul. 2007 (Gakkotosho, Tokyo).
58. B.P. Duggal and C.S. Kubrusly, *Weyl's Theorem for Direct Sums*, **Studia Scientiarum Mathematicarum Hungarica**, vol. 44, n^o 2, pp. 275–290, Apr. 2007 Akadémiai Kiadó, Budapest).
57. N. Levan and C.S. Kubrusly, *An Introduction to Time-Shift Equations*, **Current Development in Theory and Applications of Wavelets**, vol. 1, n^o 1, pp. 97–106, Apr. 2007 (Pushpa Publishing House, Allahabad).
56. C.S. Kubrusly and N. Levan, *Abstract Wavelets Generated by Hilbert Space Shift Operators*, **Advances in Mathematical Sciences and Applications**, vol. 16, n^o 2, pp. 643–660, Dec. 2006 (Gakkotosho, Tokyo).
55. N. Levan and C.S. Kubrusly, *Multiresolution Approximation Scale and Time-Shift Subspaces*, **Multidimensional Systems and Signal Processing**, vol. 17, n^o 4, pp. 343–354, Dec. 2006 (Springer, New York).
54. C.S. Kubrusly, *A Concise Introduction to Tensor Product*, **Far East Journal of Mathematical Sciences**, vol. 22, n^o 2, pp. 137–174, Aug. 2006 (Pushpa Publishing House, Allahabad).
53. B.P. Duggal and C.S. Kubrusly, *Totally Hereditarily Normaloid Operators and Weyl's Theorem for an Elementary Operator*, **Journal of Mathematical Analysis and Applications**, vol. 312, n^o 2, pp. 502–513, Dec. 2005 (Academic Press/Elsevier, New York).
52. B.P. Duggal, S.V. Djordjević and C.S. Kubrusly, *Hereditarily Normaloid Contractions*, **Acta Scientiarum Mathematicarum (Szeged)**, vol. 71, n^o 1-2, pp. 337–352, Sep. 2005 (Bolyai Institute, Szeged).
51. B.P. Duggal, S.V. Djordjević and C.S. Kubrusly, *Kato Type Operators and Weyl's Theorem*, **Journal of Mathematical Analysis and Applications**, vol. 309, n^o 2, pp. 433–441, Sep. 2005 (Academic Press/Elsevier, New York).
50. B.P. Duggal and C.S. Kubrusly, *Weyl's Theorems for Posinormal Operators*, **Journal of the Korean Mathematical Society**, vol. 42, n^o 3, pp. 529–541, Jun. 2005 (Korean Mathematical Society, Seoul).
49. B.P. Duggal, C.S. Kubrusly and N. Levan, *Contractions of Class Q and Invariant Subspaces*, **Bulletin of the Korean Mathematical Society**, vol. 42, n^o 1, pp. 169–177, Feb. 2005 (Korean Mathematical Society, Seoul).
48. N. Levan and C.S. Kubrusly, *Time-Shifts Generalized Multiresolution Analysis over Dyadic-Scaling Reducing Subspaces*, **International Journal of Wavelets, Multiresolution and Information Processing**, vol. 2, n^o 3, pp. 237–248, Sep. 2004 (World Scientific, New Jersey).
47. B.P. Duggal and C.S. Kubrusly, *Paranormal Contractions have Property PF* , **Far East Journal of Mathematical Sciences** vol. 14, n^o 2, pp. 237–249, Aug. 2004 (Pushpa Publishing House, Allahabad).

46. C.S. Kubrusly, *Three Decades of the Lomonosov Invariant Subspace Theorem*, **Advances in Mathematical Sciences and Applications**, vol. 14, n^o 1, pp. 267–277, Jul. 2004 (Gakkotosho, Tokyo).
45. C.S. Kubrusly and N. Levan, *On Generating Wandering Subspaces for Unitary Operators*, **Advances in Mathematical Sciences and Applications**, vol. 14, n^o 1, pp. 41–48, Jul. 2004 (Gakkotosho, Tokyo).
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