Curriculum vitae

Maria Joita

Coordinates

- Correspondence address:
  Department of Mathematics, Faculty of Applied Sciences,
  University Politehnica of Bucharest
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- E-mail address: mjoita@fmi.unibuc.ro , maria.joita@mathem.pub.ro
- Homepage: https://sites.google.com/a/g.unibuc.ro/maria-joita/
  http://dep2.mathem.pub.ro/joita/joita_en.html
- https://publons.com/researcher/2284482/maria-joita/metrics/
- http://scholar.google.ro/citations?user=kc5M8mEAAAAJ&hl=en&oi=ao

Education, degrees and diplomas

- Habilitation Thesis: Crossed products of pro-C*-algebras and Hilbert pro-C*-modules, Faculty of Mathematics and Computer Science, University of Bucharest, November 19, 2013
- Ph.D. supervisor approved by the Romanian Ministry of Education and Research (O.M. nr. 166/07.04.2014)
- Ph.D. in Mathematics, University of Bucharest, 1998 (1992-1998)
  (Thesis: Representations of topological groups and Hopf algebras (locally Hopf C*-algebras), advisor Prof. Ion Colojoara)
- M. Sc. in Mathematics (Operator Algebras), University of Bucharest, 1984
  (Thesis: Powers Factors, advisor Prof. Serban Stratila)
- B. Sc. in Mathematics, University of Craiova, 1983 (1979-1983)

Professional experience, former employers

- Full Professor– Department of Mathematics, Faculty of Applied Science, University Politehnica of Bucharest (2016 - present)
- Associate Professor – Department of Mathematics, Faculty of Applied Science, University Politehnica of Bucharest (2014- 2016)

- Researcher – Institute of Mathematics of the Romanian Academy "S. Stoilow" (2013-2016)
- Researcher – Research Center "Continuum Mechanics", University of Bucharest (2007 - present)
- Lecturer - University of Bucharest (1998-2014)
- Assistant Lecturer – University of Bucharest (1992-1998)
- Assistant Lecturer – University "Politehnica" of Bucharest (1990-1992)
- Junior researcher – INCREST, Bucharest (1986-1990)
- Math teacher - School No1, Rm. Valcea, Romania (1984-1986)

Research Interests

My research interests are in the field of operator algebras and functional analysis. In particular, I am interested in pro-C*-algebras; Hopf C*-algebras; Hilbert C*-modules; completely positive maps.

Teaching Experience

Mathematical Analysis, Linear Algebra, Differential Equations, Complex Analysis

Bachelor's theses

Paraschiv Alexandru: *Functionale liniare pozitive si reprezentari de tip GNS (Romanian*), June, 2016, Faculty of Applied Sciences, University Politehnica of Bucharest, Romania,

Papers published

I published 67 scientific papers (according to MathSciNet) and 3 Books (research)

Membership in Editorial Boards

o Banach Journal of Mathematical Analysis, [ISSN 1735-8787]

https://www.springer.com/journal/43037

o Survey in Mathematics and its Applications, [ISSN 1842-6298] (electronic), [1843-7265] (print) (Abstracted/Indexed/ Reviewed by MathSciNet (Mathematical Reviews) and Zentralblatt

http://www.utgjiu.ro/math/sma/

Reviewing activity: Reviewer for European Math. Soc. (Zbl) (2000-2012) and American Math. Soc. (MR)

Referee for the following journals: Applied Mathematical Letters, Journal of Mathematical Physics, Bulletin of Malaysian Math. Sci. Soc., Journal of the Korean Math. Soc., Bull. Iran Math. Soc., Electronic Journal of Theoretical Physics, Positivity, Taiwanese Journal of Mathematics, Journal of Operator Theory, Journal of Mathematical Analysis and Its Applications, Annals of Functional Analysis, Operators and Matrices, Linear and multilinear algebra, Acta Mat. Hungarica, Infinite Dimensional Analysis, Quantum Probability and Related Topics, Topology and its Applications, Rocky Mountain Journal of Mathematics, AIMS Mathematics, etc.

Conferences organized: Co-organizer of the International Workshop Operator Models and Applications - OMA2006, Timisoara (Romania), June 29 - July 4, 2006.

Invited speaker

National and Kapodistrian University of Athens, Greece:

- September 19, 2007: Operators on Hilbert modules over pro-C*-algebras
- September 25, 2007: Tensor products of Hilbert modules over pro-C*-algebras
- October 20, 2011: Representations of crossed products of Hilbert C*-modules

University of Zagreb, Croatia:

- March 3, 2010: Pro - Banach dynamical systems with C*-crossed product

Peer evaluation for research programmes and projects: Evaluator/Expert for The Israel Science Foundation – Programme - Individual Research Grants (2010)

Rresearch projects

Main investigator (PI)

- *Completely positive linear maps* - grant CNCSIS (Romanian National Council for Research in High Education), code A 1065/2006, 2006-2008, budget - 20 000 Euros

Project coordinator

- *The promotion of scientific research concerning: Operator models and applications* - grant CEEX (module: The promotion of participation to research European and International Programs; type: Increasing institutional and research programs visibility) from The Romanian Ministry of Education and Research, code PR-D11-PT00-48/2005, contract No. 69/2006; 2006 - 2007; (this project involves a consortium of three universities: West University of Timisoara - coordinator, University of Bucharest - partner, University Constantin Brancusi of Targu Jiu - partner); the budget for the team of University of Bucharest - 12 000 Euros

Mentor - Postdoctoral research projects

- *Ergodic actions, random walks and von Neumann algebras*, PN-II-RU-PD-2012-3-0533, 2013, May - 2015, April, budged – 50 000 Euros, project leader: Munteanu Radu Bogdan

Participation in other research projects (as member of the research team)

- *Detectia si monitorizarea deficientelor somatice si psiho-comportamentale la copil si adolescent (varsta 10-18 ani). Studiu pilot* -grant CEEX -modulul I (2007-2008)
- *Research in Operator Algebra and Applications to Number Theory*, PN-II-ID-PCE-2012-4-0201, 2013, September –2016, November, principal investigator: Florin Radulescu, Institute of Mathematics of the Romanian Academy "S. Stoilow"
- *Completely positive Maps*, GEX-2017, UPB, Principal investigator: Dr. Luminita Tania Costache

Mobility grants

- Grant to participate in "*16th International Congress on Mathematical Physics*", 2009, Prague, Czech Republic (offered by the organizers)
- Grant to participate in *"International Workshop on Harmonic Analysis and Operator Theory (WHO19)"* PN-III-P1-1.1-MC-2019-2334

The management of the research activity

Three Ph. D. students (R.B. Munteanu, L.T. Costache and M. Zamfir) were part of the team of the project "Completely positive linear maps".L.T. Costache finished her thesis (2009), her research interests being very closely related to the subject of the project. Together with L.T. Costache and M. Zamfir, we obtained important results about the structure of the completely multi-positive maps between C*-algebras and characterization of the order relation in the set of completely multi-positive maps in terms of their structure, results which were presented by the young researchers at various national and international conferences (for example, Summer Conference on Topology and Its Applications, 2007, Castellón, Spain or International Conference of Applied Mathematics and Computing, 2008, Plovdiv, Bulgaria) and published in the proceedings of these conferences or in other journals indexed by ISI Web of Science. I am an advisor for the post-doctoral project "Ergodic actions, random walks and von Neumann algebras" project leader: R. B. Munteanu.

Conferences I attended and gave a talk

1. (WHO2019) International Workshop on Harmonic Analysis and Operator Theory, August 26-30,2019, Istanbul, Turkey. Communication title: *Ternary domains on Hilbert C*-modules for completely positive linear maps*

2. The 9th Congress of Romanian Mathematicians, June 28 - July 3, 2019, Galati, Romania. Communication title: *Ternary domains on Hilbert C*-modules for completely positive linear maps*

3. (ICRAPAM) The 5th International Conference on Recent Advances in Pure and Applied Mathematics, July 23-27, 2018, Trabzon, Turkey Communication title: *A Radon-Nikodym type theorem for invariant symmetric completely positive and completely bounded multilinear maps on Hilbert C*-module*

4. (ICMM2018) International Conference on Mathematics and Mechanics, Vienna, Austria, May 14-16,2018. Communication title: *Representations associated to completely positive multilinear phi--maps on Hilbert C*-modules*

5. Sofic Groups and Operator Algebra, Bucharest, Romania, September 26 - September 30, 2016 (Plenary speaker). Communication title: *Algebras associated to pro-C*-correspondences and tensor products*

6. (7ECM) 7th European Congress of Mathematics, Berlin, Germany, July 18 - 22, 2016. Communication title: *Scattered locally C*-algebras*

7. Workshop on Group Theory and Operator Algebras, IMAR, Bucharest, September 29 - October 2, 2015 (Plenary speaker). Communication title: *Crossed products by Hilbert pro-C*-bimodules versus tensor products*

8. Summer Workshop in Operator Algebras and Applications, IMAR, Bucharest, July 13-14, 2015. (Plenary speaker). Communication title: *Crossed products by Hilbert C*-bimodules versus tensor products*

9. (IWOTA) International Workshop on Operator Theory and Applications, Tbilisi, Georgia, July 6 - 10, 2015. Communication title: *A construction of pro-C*-algebras from pro-C*-correspondences* (with I. Zarakas)

10. The Eighth Congress of Romanian Mathematicians, June 25 - July 1, 2015, Iasi, Romania. Communication title: *Pro-C*-correspondences*

11. A mini workshop on Operator Algebras, IMAR (Institute of Mathematics of the Romanian Academy) 19 August 2014, Bucharest, (Plenary speaker). Communication title: *On Profinite Pro-C*-algebras*

12. (SWOT 2014) The 4th Small Workshop on Operator Theory, July 8-12,2014, Krakow, Poland. Communication title: *Crossed products by Hilbert pro-C*-bimodules* (with I. Zarakas)

13. (OT25) The 25th International Conference in Operator Theory, June 30 and July 5, 2014, Timisoara, Romania. Communication title: *Crossed products by Hilbert pro-C*-bimodules versus tensor products*

14. Banach Algebras and Applications, July 29 - August 4, 2013, Gothenburg, Sweden. (invited speaker) Communication title: *Crossed products of pro-C*-algebras*

15. The Seventh Congress of Romanian Mathematicians, June 29 - July 5, 2011, Brasov, Romania. Communication title: *Covariant completely positive maps on Hilbert C*-modules*

16. (EU–NCG) 4th Annual Meeting, Bucharest, Romania, April 25 - 30, 2011, Communication title*: On crossed products of locally m-convex *-algebras*

17. The conference 'Operators, Spaces, Algebras, Modules' University of Zagreb, March 1–4, 2010 (invited speaker), Communication title: *Pro-Banach dynamical systems with C*-crossed products*

18. The 16th International Congress on Mathematical Physics, Prague, August 3-8, 2009 (Congress fellowships). Communication title: *Pro-C*-dynamical systems with crossed products C*-algebras*

19. (SUMTOPO) The 24th Summer Conference on Topology and Its Applications, July 14 – 17, 2009, Brno, Czech Republic. Communication title: *Frames of multipliers in tensor products of Hilbert C*-modules*

20. The 20th International Congress of Jangjeon Mathematical Society, August 21-23, 2008, Bursa, Turkey. Communication title: *Morita equivalence and outer conjugacy of dynamical systems*

21. Fifth International Conference of Applied Mathematics and Computing, Plovdiv, Bulgaria, August 12-18, 2008. Communication title: *On group actions on pro-C*-algebras* (invited talk)

22. (ICTAMI 2007) International Conference on Theory and Applications of Mathematics and Inforrmatics, August 30-September 2, Alba Iulia, Romania. Communication title: *On tensor products of completely positive linear maps between pro-C*-algebras*

23. 22nd Summer Conference on Topology and Its Applications, July 24-27, 2007, Castellón, Spain. Communication title: *Characterization of the order relation on the set of completely n-positive linear maps between C*-algebras* (with L.T. Costache and M. Zamfir)

24. 22nd Summer Conference on Topology and Its Applications, July 24-27, 2007, Castellón, Spain. Communication title: *On representations of Banach C*-modules associated with biweights*

25. The 6th Congress of Romanian Mathematicians, Romania, University of Bucharesti, June 28-July 4, 2007. Communication title: *Extremal completely n-positive linear maps between C*-algebras*

26. (ICTCAM 2007) International Conference "Trends and Challenges in Applied Mathematics" June 20-23,2007, Bucharest, Romania. *Communication title: On the order structure on the set of completely n-positive linear maps on C*-algebras* (with L.T. Costache and M. Zamfir)

27. III Workshop on Coverings, Selections and Games in Topology, April 25-29, 2007 Faculty of Sciences and Mathematics, Nis; Technical Faculty, Cacak Serbia. Communication title: *Covariant representation associated with covariant completely n-positive linear maps between C*-algebras* (with L.T. Costache and M. Zamfir)

28. III Workshop on Coverings, Selections and Games in Topology, April 25-29, 2007 Faculty of Sciences and Mathematics, Nis; Technical Faculty, Cacak Serbia. Communication title: *On frames in Hilbert modules over pro-C*-algebras*

29. The 4th International Colloquium "Mathematics in Engineering and Numerical Physics" October 6-8, 2006, University Politehnica of Bucharest, Romania. Communication title: *Dilations on Hilbert C*-modules for C*-dynamical systems (*with L.T. Costache and M. Zamfir)

30. (ICMI45) International Conference on Mathematics and Informatics, Bacau, Romania, 18-20 September, 2006. Communication title: *Representations associated to completely n -positive linear maps between C*-algebras* (with L.T. Costache and M. Zamfir)

31. (ICMI45) International Conference on Mathematics and Informatics, Bacau, Romania, 18-20 September, 2006. Communication title: *Group actions on Hilbert modules over locally C* -algebras*

32. (ICM2006) The International Congress of Mathematicians, Madrid, Spain, August 22--30, 2006. Communication title: *Crossed products of locally C*-algebras and strong Morita equivalence* (poster)

33. (OMA2006) The International Workshop on "Operator Models and Applications" Timisoara, June 29-July 4, 2006. Communication title: *On the linking algebra of a Hilbert module and strong Morita equivalence of locally C*-algebras*

34. (OT21) The 21st International Conference on Operator Theory, Timisoara, June 29–July 4, 2006. Communication title: *Countably generated Hilbert modules and stably isomorphic locally C* -algebras*

35. (ICTAA5) The 5th International Conference on Topological Algebras and their Applications, Greece, University of Athens, June 27-July 1, 2005 Communication title: *A Radon-Nikodym theorem for completely multi-positive linear maps between locally C*-algebras and its applications*

36. The 5th Congress of Romanian Mathematicians, Romania, University of Pitesti, June 22-28, 2003. Communication title: *Triviality theorems for Hilbert modules over locally C*-algebras*

37. (ICTAA3) The Third International Conference on Topological Algebras and Applications, Finland, Oulu, 1-6 July, 2001. Communication title: *The stabilisation Theorem for Hilbert modules over locally C*-algebras*

38. Annual Meeting of the Faculty of Mathematics Bucharest, 1998. Communication title: *Asupra multiplicatorilor unei C* -algebre locale*

39. Second International Conference on Operator Algebras and their Connections with Topology and Ergodic Theory, Craiova, 1989. Communication title: *Property (T) for Kac algebras,* (with S. Petrescu)

40. Al VIII-lea colocviu de "Spatii liniare ordonate topologice", Brasov, 1987. Communication title: *Familii ortonormale asociate unor relatii de ordine*

LIST OF SCIENTIFIC PUBLICATIONS

1. Books

Books (research)

1. M. Joita, Completely positive linear maps on pro-C*-algebras, Editura Universitatii din Bucuresti (2008), 98+Xii pp. ISBN 978-973-737-530-8
2. M. Joita, Crossed products of locally C*-algebras, Editura Academiei Romane (2007), 115+Xii pp, ISBN 978-973-27-1600-7
3. M. Joita, Hilbert modules over locally C*-algebras, Editura Universitatii din Bucuresti, (2006), 150 pp. ISBN 978-973-737-128-3

Books (Lecture notes)

1. M. Joita, Differential equations, Editura Universitatii din Bucuresti,2003, 129 pg. ISBN 973-575-736-2
2. M. Joita, A course of algebra, Editura Universitatii din Bucuresti, 2000, 211 pg.. ISBN 973-575-437-8

Students'Books

1. P. Balea, M. Joita and M. Stoian, Culegere de probleme de calcul integral, Editura Universitatii din Bucuresti, (1998),170 pg., ISBN 973-575-236-0
2. P. Balea, M. Joita and M. Stoian, Culegere de probleme de calcul diferential, Editura Universitatii din Bucuresti, (1997), 340 pg., ISBN 973-575-166-6

Co-editor

1. Proceedings of Operator Models and Applications -OMA2006 (Surveys in Mathematics and its Applications) ISBN 973-7637-63-1, 978-973-7637-63-5, editura Academica Brâncusi editors: M. Buneci, M. Joita, V. Lupulescu, D. Popovici si V. Ungureanu.

Original papers in professional journal, with referees

1. M. B. Asadi, R. Behmani, M Joiţa, *Ternary Domain of a completely positive map on a Hilbert C*-module,* Studia Mathematica, (ISI) To appear

2. J. Heo, M. Joita, *A Radon-Nikodym type theorem for invariant symmetric completely positive and completely bounded multilinear maps on Hilbert C*-modules,* Linear and Multilinear algebra, (ISI) To appear

3. M. Joita, *Pro-C*-algebras associated pro-C*-correspondences versus tensor products,* Acta Math. Hungar. (ISI) 160 (2020), 2, 249-272.

4. J. Heo, M. Joiţa, *A Stinespring type theorem for completely positive multilinear maps on Hilbert-modules,* Linear and Multilinear Algebra (ISI) ,67(2019), 1, 121-140.

5. M. Joita, *Scattered locally C*-algebras,* Ann. Funct. Analysis (ISI), **9(2018),1,30-40.**

6. M. Joita, R-B. Munteanu, *Crossed products of Hilbert pro-C*-bimodules and associated pro-C*-algebras,* Carpathian J. Math. (ISI), 32(2016), 2, 195-201

7. M. Joita, *Covariant version of the Stinespring type theorem for n-tuples of completely positive maps on Hilbert C*-modules,* U.P.B. Sci. Bull., Series A,(ISI), 78(2016),4, 1-10

8. U. C. Ji, M. Joita, M. Sal Moslehian, *KSGNS type construction for α -completely positive maps on Krein C*-modules,* Complex Analysis and Operator Theory, (ISI), 10(2016),3, 617-638.

9. M. Joita, R-B. Munteanu, I Zarakas, *Multipliers of Hilbert pro-C*-bimodules and crossed products of Hilbert pro-C*-bimodules,* Oper. Matrices (ISI), 9(2015),4, 925-942

10. M. Joita, *Crossed products by Hilbert pro-C*-bimodules versus tensor products*, J. Math. Anal. Appl. (ISI) 429(2015), 2, Pages 1086–1095.

11. M. Joita, I Zarakas, *A construction of pro-C*-algebras from pro-C*-correspondence*, J. Operator Theory (ISI), 74(2015), 1, 195-211.

12. M. Joita, *Crossed products of pro-C*-algebras and Hilbert pro-C*-algebras*, Bull. Malays. Math. Sci. Soc. (ISI) 38(2015),3, 053-1065.

13. M. Joita, *A new look at the crossed products of pro-C*-algebras,* Ann. Funct. Anal (ISI), 6(2015),2,184-203.

14. M. Amin, M. B. Asadi, M. Joita, R. Rezavad, *Morita equivalence of Hilbert C*-modules*, Banach J. Math. Anal. (ISI), 9(2015), 1, 102-110.

15. M. Joita, R-B. Munteanu, *A property of ergodic flows*, Studia Math. (ISI), 225(2014),3, 249-258

16. M. Joita, *A Radon-Nikodym type theorem for -completely positive maps on groups*, Oper. Matrices, (ISI) 8(2014),4, 1163-1174

17. M. Joita, I. Zarakas, *Crossed products by Hilbert pro-C*-bimodules*, Studia Math. (ISI)215 (2013), 2, 139-156.

18. M. Joita, *Covariant representations of Hilbert C*-modules*, Expo. Math. (ISI) 30(2012) 209–220.

19. M. Joita, *Comparison of completely positive maps on Hilbert C*-modules*, J. Math. Anal. Appl. (ISI) 393 (2012) 644–650.

20. M. Joita, M. Sal Moslehian, *A Morita equivalence for Hilbert C*-modules*, Studia Math. (ISI) 209 (2012), 11-19.

21. M. Joita, *Covariant version of the Stinespring type theorem for Hilbert C*-modules*, Cent. Eur. J. Math. (ISI) 9 (2011), 4, 803-813.

22. M. Joita, *Pro-Banach dynamical systems with crossed products C*-algebras*, J. Math. Anal. Appl. (ISI) 377 (2011), 428–434.

23. M. Joita, *A note on Lebesgue type decomposition for covariant completely positive maps on C*-algebras*, Banach J. Math. Anal. (ISI) 4(2010), no. 2, 75–85

24. M. Joita, *Frames of multipliers in tensor products of Hilbert C*-modules*, Journal of Mathematical Analysis and Applications, (ISI), 367 (2010), 522–534.

25. M. Joita, *On representations of Banach C*-modules associated with biweights*, Math. Slovaca (ISI) 61(2011), No. 1, 63–78.

26. M. Joita, *A note on countably generated Hilbert modules*, Results in Mathematics, (ISI), 55(2009), 1-2, 101-109.

27. M.Joita, L-T. Costache, M. Zamfir, *On the order structure on the set of completely n-positive linear maps on C*-algebras*, Glasnik Matematicki, (ISI), Ser. III 44(64) (2009), 1, 187—193.

28. M. Joita, *Stable outer conjugancy and strong Morita equivalence of group actions on pro-C*-algebras*, Cent. Eur. J. Math., (ISI), 7(2009), 1, pp. 73-83.

29. M. Joita, *A note on Morita equivalence of group actions on pro-C*-algebras*, Rocky Mountain J. Math., (ISI), 41(2011), 3, 777-788.

30. M. Joita, *On frames in Hilbert modules over pro-C*-modules*, Topology and its Applications, (ISI), 156(2008), 83-92.

31. M. Joita, *Crossed products of pro-C*-algebras and strong Morita equivalence*, Mediterranean Journal of Mathematics, (ISI), 5(2008), 4, pp. 467-492.

32. M. Joita, *On tensor products of completely positive linear maps between pro-C*-algebras*, Positivity, (ISI), 13(2009), 2, 307-319.

33. M. Joita, *On multiplier modules of Hilbert modules over locally C*-algebras*, Studia Math., (ISI), 185(2008), No. 3, 263-277.

34. M. Joita, *On representations associated with completely n-positive linear maps on pro-C*-algebras*, Chinese Annals of Mathematics, (ISI), Series B 29(2008), 1, 55-64.

35. M. Joita, *A Radon-Nikodym theorem for completely multi-positive linear maps on pro-C*-algebras and its applications*, Publicationes Math. Debrecen, (ISI), 72(2008), 1-2, 55-67.

36. M. Joita, *Covariant completely positive linear maps between locally C*-algebras*, Houston J. Math., (ISI), 33(2007), 4, 1067-1078.

37. M. Joita, *Crossed products of locally C*-algebras*, Rocky Mountain J. Math., (ISI), 7(2007), 5, 1623-1644.

38. M. Joita, *Completely multi-positive linear maps between locally C*-algebras and representations on Hilbert modules*, Studia Math. (ISI), 172 (2006), 181-196.

39. M. Joita, *Induced representations for locally C*-algebras*, Rocky Mountain J. Math., (ISI), 35 (2005),6,1923-1934.

40. M. Joita, *Tensor products of Hilbert modules over locally C*-algebras*, Czech. Math. J., (ISI), 54(129) (2004), no. 3, 727-737.

41. M. Joita, *Morita equivalence for locally C*-algebras*, Bull. London Math. Soc., (ISI), 36 (2004), no.6, 802—810.

42. M. Joita, *Strict completely positive linear maps between locally C* -algebras and representations on Hilbert modules*, J. London Math. Soc. (ISI), (2), 66 (2002), no.2, pp.421-432.

43. M. Joita, *A note about full Hilbert modules over Frechet locally C*-algebra*, Novi Sad Journal of Mathematics, 37(2007),1, 27-32, [ISSN: 1450-5444] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

44. M. Joita, *Bounded module maps between Hilbert modules over locally C*-algebras*, Acta Math. Univ. Comenian, 74(2005), 71-79, [ISSN 0862-9544] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

45. M. Joita, *On Hilbert modules over locally C*-algebras II*, Period. Math. Hungar., 51(2005), 1, 27-36, [ISSN: 0031-5303] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

46. M. Joita, *Multi-completely positive linear maps on locally C*-algebras*, Rend. Circ. Mat. Palermo (2), 53(2004), 185-194, [ISSN: 0009-725X] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

47. M. Joita, *On the bounded part of a Hilbert module over a locally C*-algebra*, Period. Math. Hungar., 45(2002), 1-2, pp. 81-85, [ISSN: 0031-5303] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

48. M. Joita, *Locally von Neumann algebras II*, Rend. Circ. Mat. Palermo (2), 51(2002), pp. 84-93, [ISSN: 0009-725X] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

49. M. Joita, *Projections on Hilbert modules over locally C*-algebras*, Math. Reports, 4(54),4(2002), pp.373-378 (2003), [ISSN: 1582-3067] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

50. M. Joita, *On the Cauchy-Schwarz Inequality in a C*-algebra*, Math. Reports, 3(53) (2001), 3, pp.243-246, [ISSN: 1582-3067] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

51. M. Joita, *Hilbert modules over locally C*-algebras: Theorem of Stinespring*, Math. Reports, 3(53) (2001),1, pp.21-27, [ISSN: 1582-3067] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

52. M. Joita, *Commutative unital Hopf σ-C*-algebras*, Rev. Roum. Math. Pures Appl., 43(1998), 9-10, pp.839-851, [ISSN: 0035-3965] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

53. M. Joita, *Locally Hopf C*-algebras*, Stud. Cerc. Mat. 50(1998), 3-4, pp.175-196, [ISSN: 1582-3067] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

54. S. Petrescu, M. Joita, *Property (T) for Kac algebras*, Rev. Math. Roum. Pures Appl., 37(1992), 2, pp.163-178, [ISSN: 0035-3965] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

55. S. Petrescu, M. Joita, *Amenable actions of Katz algebras on von Neumann algebras*, Rev. Roum. Math. Pures Appl., 35(1990), 2, pp.151-160, [ISSN: 0035-3965] (indexata in MathSciNet, Zentralblatt MATH)

56. M. Joita, L-T. Costache, M. Zamfir, *Characterization of the order relation on the set of completely n-positive linear maps between C*-algebras*, Surveys in Mathematics and its Applications, 2(2007),113-122, [ISSN:1843-7265] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

57. M. Joita, *A note about the amenability of Kac algebras*, An. Univ. Bucuresti, Mat., 53(2004),2, 235-238, [ISSN 1010-5433] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

58. M. Joita, *On Hilbert modules over locally C*-algebras*, An. Univ. Bucuresti, Mat., 49(2000),1, pp. 41-51, [ISSN 1010-5433] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

59. M. Joita, *Multipliers of locally C*-algebras*, An. Univ. Bucuresti, Mat. ,48 (1999),1, pp.17-24, [ISSN 1010-5433] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

60. M. Joita, *Locally von Neumann algebras*, Bull. Math. Soc. Sci. Math. Roumanie, 42(90), (1999),1, pp.51-64, [ISSN: 1220-3874] (indexed/reviewed by MathSciNet, Zentralblatt MATH)

Refereed papers in conference proccedings

61. M. Joita, *On extremal covariant completely positive linear maps*, Proceedings of The 6th Congress of Romanian Mathematicians, Romania, University of Bucharest, June 28-July 4, 2007), vol. 1, (2009), pp. 337–345, (indexed/reviewed by MathSciNet, Zentralblatt MATH)

62. M. Joita, *Countably generated Hilbert modules and stable isomorphisms of locally C*-algebras*, Hot Topics in Operator Theory (Proceedings of the 21st International Conference

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