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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Curriculum vitae  Europass | **nadabanSorin Nădăban, Ph.D**  **Professor**  **Departament of Mathematics and Computer Science**  **Faculty of Exact Sciences**  **Aurel Vlaicu University Arad** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| Personal information |  | | | | | | | | | | |
| **Name / Surname** | **Nădăban Sorin** | | | | | | | | | | |
| **Address** | **58 Renașterii Street, Arad 310303, Arad County** | | | | | | | | | | |
| **Telephone** | **+40745818447** | | | | | | | | | | |
| **E-mail** | [snadaban@gmail.com](mailto:snadaban@gmail.com) , [sorin.nadaban@uav.ro](mailto:sorin.nadaban@uav.ro) | | | | | | | | | | |
| **Naţionality** | **Romanian** | | | | | | | | | | |
| **Date of birth** | **21.01.1968** | | | | | | | | | | |
| **Gender** | **Male** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| Work experience |  | | | | | | | | | | |
| **Dates**  **Occupation or position held**  **Main activities and responsibilities**  **Name and adddress of employer**  **Type of business or sector** | **10/2016 – present**  **Professor Ph.D.**  **Departament of Mathematics and Computer Science**  **06/2024 – present**  **Dean – Faculty of Exact Sciences;**   1. **Academic activities (planning, teaching, assessment) for the following subjects: Mathematical Analysis, Probabilities Theory and Mathematical Statistics, Graphs Algorithmic, Mathematics, Special Chapters on Operational Research, Mathematical Modelling and Optimization, Fuzzy Functional Analysis, C\*-Algebras and Hilbert Modules.** 2. **Scientific research: writing monographs, books, articles in the domain, participation in national and international conferences. Scientific research field: Fuzzy Mathematics, Operators Theory.** 3. **Coordination of the *Scientific Seminar on Operators Theory* *and* A*pplications.*** 4. **Activities to promote teaching staff at pre-university level: examinations in view of obtaining degrees.** 5. **Activities to promote teaching staff at university level: contests to access positions of lecturer /associate professor/full professor at the university.** 6. **ARACIS Expert evaluator.** 7. **Editor–in-Chief for *„Theory and Applications of Mathematics & Computer Science”* included in international data basis.** 8. **Organizer of „Caius Iacob” Mathematics Contest.**   **„Aurel Vlaicu” University of Arad, 77 Revoluţiei Boulevard, 310130 Arad, Romania. Tel. +4025728010, Fax. +40257280070, E-mail: rectorat@uav.ro**  **Education and research** | | | | | | | | | | |
| **Dates** | **10/2003 – 09/2016** | | | | | | | | | | |
| **Occupation or position held** | **Associate Professor Ph.D.**  **Departament of Mathematics and Computer Science**  **03/2008- 04/2016**  **Dean – Faculty of Exact Sciences;**  **10/2003 – 03/2008**  **Scientific Secretary - Faculty of Exact Sciences** | | | | | | | | | | |
| **Main activities and responsibilities** | 1. **Academic activities (planning, teaching, assessment) for the following subjects: Mathematical Analysis, Probabilities Theory and Mathematical Statistics, Graphs Algorithmic, Applied Mathematics in Economy, Real Analysis, Superior Mathematics, Mathematics and Statistics, Special Chapters on Operational Research, Mathematical Modelling and Optimization, Mathematics – Fundamental Ideas and Concepts , Modelling and Optimization in Business Decisions.** 2. **Scientific research: writing monographs, books, articles in the domain, participation in national and international conferences. Scientific research field: Functional Analysis, Operators Theory, Mathematical Modelling in Sciences.** 3. **Assessment for Doctoral Study Preparation: examination committee for Ph.D; assessment of Ph.D applications; committee for public presentation of Ph.D theses.** 4. **Coordination of the *Scientific Seminar on Operators Theory* *and* A*pplications.*** 5. **Membership in academic committees and boards: member of University Senate for„Aurel Vlaicu”University: (2004 - 2016); member of Strategy and Reform Committee for “Aurel Vlaicu” University, Arad (2009 - 2016).** | | | | | | | | | | |
| **Main activities and responsibilities** | 1. **Activities to promote teaching staff at pre-university level: examinations in view of obtaining degrees.** 2. **Activities to promote teaching staff at university level: contests to access positions of lecturer /associate professor at the university.** 3. **ARACIS Expert evaluator.** 4. **Responsibilities as Dean of Faculty of Exact Sciences : management and leadership, applying the decisions taken by the rector and the Senate of the University.** 5. **Editor–in-Chief for *„Theory and Applications of Mathematics & Computer Science”* included in international data basis.** 6. **Coordinating the Departament of Mathematics-Computer Science of „Aurel Vlaicu” University Institute for Research, Development and Innovation in Technical and Nature Sciences (2008-2016).** 7. **Founder and organizer of „Caius Iacob” Mathematics Contest (2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016); editor of„*Caius Iacob” Mathematics* *Contest* (2010).** 8. **Editor for „ *Proceedings of the International Symposium – Research* *and Education in an Innovation Era*” (5 volumes: 2006, 2008, 2010, 2012, 2014).** | | | | | | | | | | |
| **Name and adddress of employer** | **„Aurel Vlaicu” University of Arad, 77 Revoluţiei Boulevard, 310130 Arad, Romania,**  **Tel. +4025728010, Fax. +40257280070, E-mail: rectorat@uav.ro** | | | | | | | | | | |
| **Type of business or sector** | **Education and research** | | | | | | | | | | |
| **Dates** | **10/1997 – 9/2003** | | | | | | | | | | |
| **Occupation or position held** | **Lecturer,** **Department of Mathematics and Computer Science, Faculty of Marketing-Management-Computer Science, „Vasile Goldiş” Western University of Arad.** | | | | | | | | | | |
| **Main activities and responsibilities** | 1. **Academic activities (planning, teaching, assessment) for the following subjects: Applied Mathematics in Economy, Researches in Operators Theory, Theory of Probabilities and Mathematical Statistics** 2. **Scientific research: writing monographs, books, articles in the domain, participation in national and international conferences. Scientific research field: Functional Analysis, Operators Theory, Mathematical Modelling in Sciences.** 3. **Chief of the Department of Mathematics and Computer Science, Faculty of Marketing-Management-Computer Science, „Vasile Goldiş” Western University of Arad.. (10/2000–05/2003).** | | | | | | | | | | |
| **Name and address of employer**  **Type of business or sector** | **„Vasile Goldiş” Western University of Arad, 94 Revoluţiei Bld, Tel. +40257280335.**  **Education and research** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Dates** | **10/1993 – 9/1997** | | | | | | | | | | |
| **Occupation or position held** | **Teaching assistant, Department of Mathematics and Computer Science, Faculty of Marketing-Management-Computer Science, „Vasile Goldiş”Western University of Arad.** | | | | | | | | | | |
| **Main activities and responsibilities** | 1. **Academic activities (planning, teaching, assessment) for the following subjects: Applied Mathematics in Economy, Researches in Operators Theory, Theory of Probabilities and Mathematical Statistics** 2. **Scientific Research** | | | | | | | | | | |
| **Name and address of employer** | **„Vasile Goldiş” Western University of Arad , 94 Revoluţiei Boulevard, Tel. +40257280335.** | | | | | | | | | | |
| **Type of business or sector** | **Education and Research** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Dates** | **10/1991 – 9/1993** | | | | | | | | | | |
| **Occupation or position held** | **Graduate assistant, Department of Mathematical Analysis, Faculty of Mathematics- West University of Timişoara.** | | | | | | | | | | |
| **Main activities and responsibilities** | 1. **Academic activities (planning, teaching, assessment) for the following subjects: Functional Analysis, ComplexAnalysis, Real Analysis.** 2. **Scientific Research.** | | | | | | | | | | |
| **Name and address of employer** | **West University of Timişoara, 4 Vasile Parvan Boulevard, Timișoara 300223, Timiș County, Romania, Tel +40256592111, Fax. +40256592311, E-mail secretariat@rectorat.uvt.ro** | | | | | | | | | | |
| **Type of business or sector** | **Education and research** | | | | | | | | | | |
| Education and training |  | | | | | | | | | | |
| **Dates**  **Title of qualification awarded** | **02/1993 – 07/2000**  **Ph D in Mathematics** | | | | | | | | | | |
| **Principal subjects/occupational skills covered** | **Operators Theory,** **Spectral Theory, Banach Algebras** | | | | | | | | | | |
| **Name and type of organisation providing education and training** | **West University of Timișoara** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Dates** | **10/1999 – 03/2000** | | | | | | | | | | |
| **Title of qualification awarded** | **Doctoral study certificate** | | | | | | | | | | |
| **Principal subjects/occupational skills covered** | **Scientific research** | | | | | | | | | | |
| **Name and type of organization providing education and training** | **Universit y of Bordeaux I, France** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Dates** | **09/1987 – 06/1991** | | | | | | | | | | |
| **Title of qualification awarded** | **Bachelor Degree in Matematics/ Merit Award** | | | | | | | | | | |
| **Principal subjects/occupational skills covered** | **Mathematics and Computer Science** | | | | | | | | | | |
| **Name and type of organization providing education and training** | **West University of Timișoara, Faculty of Mathematics and Computer Science** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Dates** | **09/1982 – 06/1986** | | | | | | | | | | |
| **Title of qualification awarded**  **Name and type of organization providing education and training** | **Baccalaureate/High School Diploma**  **Ioan Slavici Theoretical High School of Arad (the present-day „Moise Nicoară” National College)** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| Personal skills and abilities |  | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Mother tongue** | Romanian | | | | | | | | | | |
|  |  | | | | | | | | | | |
|  |  | UNDERSTANDING | | | | SPEAKING | | | | WRITING | |
| **Other language(s)**  **Self-assessment**  **European level (\*)** |  | **Listening** | | **Reading** | | **Spoken interaction** | | **Spoken production** | |  | |
| English |  | C1 | Proficient user | C1 | Proficient user | B1 | Independent user | B2 | Independent user | C1 | Proficient user |
| French |  | B2 | Independent user | B2 | Independent user | B1 | Independent user | B1 | Independent user | B1 | Independent user |
|  |  | | | | | | | | | | |
| **Social skills and competences** | **Team spirit, comunication skills, intercultural skills** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Organisational skills and competences** | 1. **Chief of Department of Mathematics –Computer Science, Faculty of Marketing-Management-Computer Science, „Vasile Goldiş”Western University of Arad (10/2000–05/2003);** 2. **Scientific Secretary –Faculty of Exact Sciences- „Aurel Vlaicu” University of Arad (10/2003 – 03/2008);** 3. **Dean-Faculty of Exact Sciences- „Aurel Vlaicu” University of Arad (03/2008 – 04/2016 and 06/2024 -present);** 4. **Founder and organizer of  *„Caius Iacob” Mathematics Contest* ;editor of*„Caius Iacob” Mathematics Contest(2010).*** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Computer skills and competences** | **Microsoft Office (Word, Excel, PowerPoint), LaTex, WinEdt.** | | | | | | | | | | |
|  |  | | | | | | | | | | |
| **Driving licence** | **B category, since 1986.** | | | | | | | | | | |

**22.06.2025**

**PUBLICATIONS**

1. **Phd Thesis**

*„Teorie spectrală pe spaţii Hilbert factor” (Spectral theory on quotient Hilbert spaces)*, 2000, Vest University of Timișoara.

1. **Patents**
2. **Books**
3. **CNCS**
4. **S. Nădăban**, *Matematici aplicate în economie*, Editia a II-a, Editura Mirton, Timişoara, 2012, 180 pag., ISBN: 978-973-52-1275-9.
5. **S. Nădăban**, *Calculus- Elemente de calcul diferenţial şi integral*, Editura Mirton, Timişoara, 2010, 133 pag., ISBN: 978-973-52-0931-5.
6. **S. Nădăban**, *Matematici aplicate în economie*, Editura Mirton, Timişoara, 2010, 200 pag., ISBN: 978-973-52-0917-9.
7. **S. Nădăban**, *MathEco-exerciţii şi probleme,* Editia a II- a, Editura Mirton, Timişoara, 2008, 207 pag., ISBN: 978-973-52-0466-2.
8. **S. Nădăban**, A. Şandru, *Algoritmica grafurilor – Sinteze de curs şi aplicaţii,* Editura Mirton, Timişoara, 2007, 265 pag., ISBN: 978-973-52-0249-1.
9. **S. Nădăban**, *MathEco-exerciţii şi probleme,* Editura Mirton, Timişoara, 2007, 183 pag., ISBN: 978-973-52-0219-4.
10. **S. Nădăban**, *Teoria Probabilitǎţilor şi Statisticǎ Matematicǎ,* Editura Didacticǎ şi Pedagogicǎ, Bucureşti, 2007, 338 pag, ISBN: 978-973-30-1743-1.
11. **S. Nădăban**, *MathEco-Analizǎ Matematicǎ,* Ediţia a 2-a, Editura Mirton, Timişoara, 2004, 290 p, ISBN: 973-661-492-1.
12. **S. Nădăban**, *MathEco-Analiză Matematică,* Editura Mirton, Timişoara, 2001, 290 pag., ISBN: 973-585-421-X.
13. **S. Nădăban**, *Spectral Theory on Quotient Spaces,* Editura Universitǎţii de Vest din Timişoara, Colecţia Monografii Matematice, Vol 73, 2001, 148 pag.
14. **Books coordination**
15. S. Nădăban, C. Stoica, M. Nagy, L. Popa, The Caius Iacob International Mathematics and Computer Science Competition, Gutenberg Universe Publishing House, Arad, 2025. ISBN 978-606-675-423-1.
16. I. Dzitac, **S. Nădăban** (2022). Fuzzy Logic and Soft Computing–Dedicated to the Centenary of the Birth of Lotfi A. Zadeh (1921-2017). (This book is a reprint of the Special Issue **[Fuzzy Logic and Soft Computing – Dedicated to the Centenary of the Birth of Lotfi A. Zadeh (1921-2017)](https://www.mdpi.com/journal/mathematics/special_issues/fuzzy_logic_soft_computing_dedicated_centenary_birth_Lotfi_A_Zadeh" \t "_blank)** that was published in ***[Mathematics](https://www.mdpi.com/journal/mathematics" \t "_blank)***) ISBN 978-3-0365-5587-4 (Hbk); ISBN 978-3-0365-5588-1 (PDF)  
    [**https://doi.org/10.3390/books978-3-0365-5588-1**](https://doi.org/10.3390/books978-3-0365-5588-1)
17. **S. Nădăban**, A. Palcu, C. Stoica, M. Tomescu, *Proceedings of the International Symposium „Research and Education in an Innovation Era”* – *Sections: Mathematics & Computer Science,* 5th Edition, Arad 05-07 November 2014, Editura Universităţii „Aurel Vlaicu”, Arad, 95 pag., ISSN 2065 2569.
18. **S. Nădăban**, A. Palcu, C. Stoica, M. Tomescu, *Proceedings of the International Symposium „Research and Education in an Innovation Era”* – *Sections: Mathematics and Computer Science,* Fourth Edition, Arad 8-9 November 2012, Editura Universităţii „Aurel Vlaicu”, Arad, 125 pag., ISSN 2065 2569.
19. **S. Nădăban**, C. Stoica, *Concursul de Matematică „Caius Iacob”,* Editura Universităţii „Aurel Vlaicu”, Arad, 2010, 83 pag., ISBN 978-973-752-461-4.
20. **S. Nădăban**, M.L. Tomescu, *Proceedings of the International Symposium „Research and Education in an Innovation Era”* – *Sections: Computer Science, Mathematics, Didactics,* Third Edition, Arad 11-12 November 2010, Editura Universităţii „Aurel Vlaicu”, Arad, 249 pag., ISSN 2065 2569.
21. **S. Nădăban**, C. Stoica, *Proceedings of the International Symposium „Research and Education in an Innovation Era”* - *Section Mathematics and Computer Science,* Second Edition, Arad 20-21 November 2008, Editura Universităţii „Aurel Vlaicu”, Arad, 244 pag., ISSN 2065 2569.
22. **S. Nădăban**, C. Stoica, *Proceedings of the International Symposium „Research and Education in an Innovation Era”* - *Section Mathematics and Computer Science*, Arad 16-18 November 2006, Editura Mirton, Timişoara, 254 pag., ISBN 978-973-52-0108-1.
23. **Chapters in Foreign Publishing House**
24. **S. Nădăban**, D. Deac, (2024). Fuzzy Functional Analysis—A General View. In: Balas, V.E., Dzemyda, G., Belciug, S., Kacprzyk, J. (eds) Decision Making and Decision Support in the Information Era. Studies in Systems, Decision and Control, vol 534. Springer, Cham. https://doi.org/10.1007/978-3-031-62158-1\_17
25. **S. Nădăban**, S. Dzitac, I. Dzitac, *Fuzzy Normed Linear Spaces*. In: Shahbazova S., Sugeno M., Kacprzyk J. (eds) Recent Developments in Fuzzy Logic and Fuzzy Sets. Studies in Fuzziness and Soft Computing, vol 391. Springer, 2020.
26. **Articles**

**I. ISI Articles**

1. B. Stanojevic, **S. Nădăban***, Empiric solutions to full fuzzy linear programming problems using the generalized “min” operator,*Mathematics **2023,** 11, 4864.  <https://doi.org/10.3390/math11234864>
2. **S. Nădăban,** *Fuzzy Continuous Mappings on Fuzzy F-Spaces*,  Mathematics **2022**, 10, 3746. https://doi.org/10.3390/math10203746
3. T. Binzar, F. Pater, **S. Nădăban**, *Fixed-Point Theorems in Fuzzy Normed Linear Spaces for Contractive Mappings with Applications to Dynamic-Programming*, Symmetry, 14,**2022**, Art. Nr. 1966. <https://doi.org/10.3390/sym14101966>
4. **S. Nădăban***, Fuzzy Logic and Soft Computing—Dedicated to the Centenary of the Birth of Lotfi A. Zadeh (1921–2017)*, Mathematics, 10, **2022**, Art. Nr. 3216. https://doi.org/10.3390/math10173216
5. S. Dzitac, H.Oros, D.Deac, **S. Nădăban,** Fixed point theory in fuzzy normed linear spaces: a general view, International Journal of Computers Communications & Control, 16(6), 2021, Art.nr. 4587, DOI: 10.15837/ijccc.2021.6.4587
6. S. Dzitac, **S. Nădăban,** Soft computing for decision-making in fuzzy environments: A tribute to professor Ioan Dzitac, Mathematics, 9(14), 2021. Art.nr. 1701, DOI: 10.3390/math9141701
7. B. Stanojevic, M. Stanojevic, **S. Nădăban,** Reinstatement of the extension principle in approaching mathematical programming with fuzzy numbers, Mathematics, 9(11), 2021, Art.nr. 1272, DOI: 10.3390/math9111272
8. R. Saadati, C. Park, D. O’Regan, **S. Nădăban**, *n-Expansively super-homogeneous and (n, k)-contractively sub-homogeneous fuzzy control functions and stability results with numerical examples*, Advances in Difference Equations, 2021:153, 2021. <https://doi.org/10.1186/s13662-021-03287-y>
9. **S. Nădăban,** *From Classical Logic to Fuzzy Logic and Quantum Logic: A General View,* International Journal of Computers Communications & Control, 16(1) 2021. <https://doi.org/10.15837/ijccc.2021.1.4125>.
10. T. Binzar, F. Pater, S. Nădăban, *Fuzzy bounded operators with application to Radon transform,* Chaos, Solitons & Fractals, 141, Article number: 110359, 2020, <https://doi.org/10.1016/j.chaos.2020.110359>.
11. T. Binzar, F. Pater, **S. Nădăban**, *A study of boundedness in fuzzy normed linear spaces*, Symmetry- Basel, 11(7), Article number: 923, 2019.  **<https://doi.org/10.3390/sym11070923>**
12. **S. Nădăban**, *Some fundamental properties of fuzzy linear relations between vector spaces*, Filomat, **30(1) (2016)**, 41-53.
13. **S. Nădăban***, Fuzzy b-metric spaces,* International Journal of Computers Communications & Control, **11(2) (2016)**, 273-281.
14. **S. Nădăban**, I. Dzitac, *Some properties and applications of fuzzy quasi-pseudo-metric spaces*, Informatica, **27 (1) (2016)**, 141-159.
15. **S. Nădăban**, *Fuzzy pseudo-norms and fuzzy F-spaces*, Fuzzy Sets and Systems, **282 (2016)**, 99–114.
16. T. Bînzar, F. Pater, **S. Nădăban,** *On fuzzy normed algebras,* Journal of Nonlinear Sciences & Applications (JNSA), **9(9) (2016)**, 5488-5496. IF: 1,34
17. **S. Nădăban**, *Fuzzy continuous mappings in fuzzy normed linear spaces,* International Journal of Computers Communications & Control*,* **10 (6) (2015)**, 834-842.
18. **S. Nădăban**, *Fuzzy euclidean normed spaces for data mining applications,* International Journal of Computers Communications & Control*,* **10 (1) (2015)**, 70-77.
19. **S. Nădăban**, I. Dzitac, *Atomic decompositions of fuzzy normed linear spaces for wavelet applications*, Informatica, **25 (2014)**, 643-662.
20. A. Palcu, **S. Nădăban**, A. Şandru, *Some on the Boson Mass Spectrum in a 3-3-1 Gauge Model,* Romanian Journal of Physics, **56 (2011)**, 673-681.
21. **ISI Proceedings**
22. **S. Nădăban,** D. Deac (2023). *Nonstandard Fuzzy Sets: A General View*. In: Dzitac, S., Dzitac, D., Filip, F.G., Kacprzyk, J., Manolescu, MJ., Oros, H. (eds) Intelligent Methods Systems and Applications in Computing, Communications and Control. ICCCC 2022. Advances in Intelligent Systems and Computing, vol 1435. 208-218, Springer, Cham. https://doi.org/10.1007/978-3-031-16684-6\_17
23. A. Szabo, T. Bînzar**, S. Nădăban**, F. Pater, *Some properties of fuzzy bounded sets in fuzzy normed linear spaces*, Proceedings of the International Conference on Numerical Analysis and Applied Mathematics (ICNAAM-2017), Book Series: AIP Conference Proceedings, Volume 1978, Article Number: UNSP 390009-1. DOI: 10.1063/1.5043993
24. A. Szabo, T. Bînzar**, S. Nădăban**, F. Pater, [*Strict inclusions between some classes of fuzzy relations*](http://aip.scitation.org/doi/abs/10.1063/1.4992603)*,* Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume 1863, Article Number: UNSP 430007-1. DOI: 10.1063/1.4992603.
25. **S. Nădăban**, S. Dzitac, I. Dzitac, *Fuzzy TOPSIS: A general view,* Promoting Busines Analytics ond Quantitive Management of Technology: 4th International Conference on Information Technology and Quantitative Management (ITQM 2014), Procedia Computer Science, **91 (2016)**, 823-831. DOIȘ 10.1016/j.procs.2016.07088
26. **S. Nădăban**, S. Dzitac, *Neutrosophic TOPSIS: A general view*, 6th International Conference on Computer Communications and Control (ICCCC), IEEE Xplore **2016**, 250-253.
27. **S. Nădăban**, I. Dzitac,  [*Special Types of Fuzzy Relations*](http://www.sciencedirect.com/science/article/pii/S1877050914004785)*,* Information Technology and Quantitative Management (ITQM 2014), [Procedia Computer Science,](http://www.sciencedirect.com/science/journal/18770509) **31C (2014)**, 552-557.
28. **BDI Articles**
29. **S. Nădăban** , *Fuzzy quasi-b-metric spaces,* Annals of West University of Timisoara - Mathematics and Computer Science, vol.58, no.2, 2022, pp.38-48. <https://doi.org/10.2478/awutm-2022-0015>
30. L. Popa, L. Sida, **S. Nădăban,** [*Matrix Representations of Fuzzy Quaternion Numbers*](http://www.uav.ro/stiinte_exacte/journal/index.php/TAMCS/article/view/160)*,* Theory and Applications of Mathematics & Computer Science, **1(1)(2017)**, 59-71.
31. **S. Nădăban**, T. Bînzar, F. Pater, C. Ţerei, S. Hoară, *Katsaras’s type fuzzy norm under triangular norms*, Theory and Applications of Mathematics & Computer Science, **5(2) (2015**), 148–157.
32. P. Gașpar, **S. Nădăban**, L. Sida, *On vector valued periodic distributions*, Theory and Applications of Mathematics & Computer Science, **2(1) (2012)**, 1-9. [Zbl. 1288.60016]
33. **S. Nădăban***, Isomorphism Theorems for Quotient Hilbert Spaces,* Analele Universitǎţii de Vest din Timişoara, Seria Matematică-Informatică, **45(2) (2007)**, 93-98. [MR 2978028]

**S. Nădăban**, *On the Spectrum of a Morphism in Quotient Hilbert Spaces,* Surveys in Mathematics and its Applications, **1 (2006)**, 13-22. [Zbl 1147.47006] [MR 2274288]

1. **S. Nădăban**, *A Special Subcategory in the Category of Quotient Banach Spaces,* Analele Universitǎţii de Vest din Timişoara, Seria Matematică-Informatică, **43(1) (2005)**, 73-82. [Zbl 1119.47309][MR 2363336]
2. **S. Nădăban**, *Fredholm Pairs Associated to Fredholm Complexes,* Proceedings of the Scientific Communications Meeting of „Aurel Vlaicu” University, Third Edition, Arad, **14A (1996)**, 99-103. [Zbl 0916.47011] [MR 1667978]
3. **Conference Articles**
4. L. Popa, L. Sida, **S. Nădăban** ,I. Dzitac***,*** *Why Need for Fuzzy Logic in High School?,*Proceedings of the International Symposium „Research and Education in an Innovation Era”, 7th Edition, Arad, May 17th-20th, 2018, pag. 100-104.
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