

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Liliana Guran Manciu**
 E-mail liliana.guran@ubbcluj.ro,
 Nationality Romanian
 Date of birth 12.11.1980
 Gender Female

Desired employment / Occupational field

Education

Work experience

Dates	2023-present
Occupation or position held	Assistant Professor Ph.D.
Name and address of employer	Babeş-Bolyai University, Faculty of Business, Horea Street, No.7, Cluj-Napoca, Romania.
Dates	2020-2023
Occupation or position held	Contractual Assistant Professor Ph.D.
Name and address of employer	Babeş-Bolyai University, Faculty of Business, Horea Street, No.7, Cluj-Napoca, Romania.
Dates	2014-2023
Occupation or position held	Assistant Professor, Ph.D.
Name and address of employer	"Vasile Goldiş" Western University of Arad, Faculty of Pharmacy, Liviu Rebreanu Blvd., No.86, 310048, Arad, Arad County, Romania.
Dates	2011-2020
Occupation or position held	Maths, physics- visiting teacher
Name and address of employer	Rosia-Jiu Technological Highschool, Rosia-Jiu village, Fărcăşeşti, Gorj County, Romania.
Dates	2011-2014
Occupation or position held	Assistant Professor, PhD
Name and address of employer	Titu Maiorescu University, Faculty of Economic Sciences, E.Teodoroiu Blvd., No.100, Târgu-Jiu, Gorj County, Romania.
Dates	2010-2011
Occupation or position held	Maths, physics teacher
Name and address of employer	Roşia-Jiu Technological Highschool, Roşia-Jiu village, Fărcăşeşti, Gorj County, Romania.

Dates	2009- 2010 - Forest High School, Târgu Jiu / Secondary School No.1, Rovinari, Gorj County, Romania.
Occupation or position held	Maths teacher
Name and address of employer	Forest High School, Târgu Jiu, E. Teodoroiu Street, 365/ Secondary School No.1, Rovinari, Aleea Scolii Street, Gorj County, Romania.

Dates	2008-2011
Occupation or position held	Contractual Assistant Professor
Name and address of employer	Titu Maiorescu University, Faculty of Economic Sciences, E.Teodoroiu Blvd., No.100, Târgu Jiu, Gorj County, Romania.

Dates	2006 - 2007
Occupation or position held	Contractual Assistant Professor
Name and address of employer	Titu Maiorescu University, Faculty of Science and Information Technology, Târgu Jiu, N.Titulescu Blvd., no. 26, Gorj County, Romania.

Dates	2004-2007
Occupation or position held	Maths teacher
Name and address of employer	Roşia-Jiu Technological Highschool, Roşia-Jiu village, Fărcăşeşti, Gorj County, Romania.

Education and training

Dates	2022-present
Education institution	Technical University of Cluj-Napoca, Department of Computers and Information Technology, Cluj-Napoca, Romania.
Specialization	Computers and Information Technology
Title of qualification awarded	Ph.D. student
Thesis proposed theme	<i>"Models for the Internet of Behavior"</i>

Dates	2009-2010
Education institution	University of Petroşani
Specialization	Computer science
Title of qualification awarded	Postgraduate degree
Dissertation title	<i>"Using Microsoft Office PowerPoint 2007 presentations that support the development of mathematical formulas that import Tex / Latex"</i>
Principal subjects/occupational skills covered	Computer Architecture. Computer Basics. Assembly language. Databases. Computer Networks. Visual programming methods. Information Technology. Software Engineering. Design algorithms. Aided Graphics. User Interfaces. Web page design. Equipment.

Dates	2005-2009
Education institution	"Babes-Bolyai" University, Faculty of Mathematics and Computer Science, Department of Applied Mathematics, Cluj-Napoca.
Specialization	Mathematics
Title of qualification awarded	PhD degree
Thesis title	<i>"Fixed point theory for multivalued operators on KST Spaces"</i>
Principal subjects/occupational skills covered	Applied Functional Analysis. Comology of differential forms. Computational Algebra. The methodology of research in Mathematics and Computer Science.

Dates	2007-2008
Education Institution	University of Valencia, Department of Mathematical Analysis, Valencia, Spain.
Specialization	Mathematics and Computer Science / PhD-Erasmus scholarship
Qualification awarded	Equivalent Master's degree from University of Valencia.

Dates	2003-2004
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Education institution	"Babes-Bolyai" University, Faculty of Mathematics and Computer Science, Cluj-Napoca.
Specialization	Applied mathematics
Title of qualification awarded	Master's degree
Dissertation title	"Topological fixed point theorems for multivalued operators"
Principal subjects/occupational skills covered	Theory of nonlinear operators. Wavelets analysis (English). Special chapters numerical analysis. Mathematical economics. Special chapters of fluid mechanics. Finite elements border elements (English). Mathematical Statistics with Applications.
Dates	1999-2003
Education institution	"Babes-Bolyai" University, Faculty of Physics, Cluj-Napoca.
Specialization	Mathematics and Physics
Title of qualification awarded	Bachelor degree
Dissertation title	"Spectral Classification of stars and Hertzsprung-Russell diagram"
Principal subjects/occupational skills covered	Algebra. Mathematical analysis. Geometry. Mathematical statistics. Mechanics. Molecular physics and heat. Electricity and magnetism. Optics. Electronics. Electrodynamics and theory of relativity. Atomic and molecular physics. Nuclear physics. Quantum mechanics. Statistical Physics. Solid state physics. Astronomy and astrophysics.
Dates	1995-1999
Education institution	Mining Industrial Group School Rovinari.
Specialization	chemistry-biology
Title of qualification awarded	Baccalaureate
Principal subjects/occupational skills covered	Chemistry. Biology. Math. Physics.

Personal skills and competences

Language(s) known (s) French. English. Spanish. Russian.

Self-assessment

European level (*)

French Language

English Language

Spanish Language

Russian Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Advanced plus	C1	Advanced	B2	Intermediate plus	B2	Intermediate plus	C1	Advanced
C1	Advanced	B2	Intermediate plus	C1	Advanced	C1	Advanced	C1	Advanced
C2	Advanced plus	C1	Advanced	C1	Advanced	C1	Advanced	C1	t Advanced
B2	Intermediate plus	B2	Intermediate plus	B2	Intermediate plus	B2	Intermediate plus	B2	Intermediate plus

(*) [Common European Framework of Reference for Languages](http://europa.europa.eu/education/languages/docs/cefr_en.pdf)

Social skills and competences

Team spirit: I had experience since high school where I was part of the school editorial journal "Thoughts of a teenager", and of the handball team of high school, followed by the university, all actions taken by the Foundation for Children Asklepyos " and FRCCF.

Organisational skills and competences	Roşia-Jiu Technological Highschool: - Founder and editor-in-chief of the high school journal "Verba Volant". - The editor of the journals <i>The works of the symposium "Look how December's snowing!"</i>, Edition I, IV,V,VI edition, ISSN 2359 - 8794, ISSN-L 2359 - 8794. - Designer of the National Symposium "<i>Earth-home of Everyone</i>", 1st edition, 2nd edition, 3th edition, 4th edition, ISSN 2559-0464, ISSN-L 2559-0464. - CEAC member of Roşia-Jiu Technological Highschool. - Responsible SNAC at the Roşia-Jiu Technological Highschool. - Responsible extracurricular activities at the Roşia-Jiu Technological Highschool. - Professor class master. - Organizer of various educational local, inter-county and national projects such as: "Expecting Santa Claus", "Soul for the soul", "A smile for everyone", "Let's spend a moment with the great poet Mihai Eminescu", "Would you be my Valentine?", "Light Drops", "A World-a Sky", "June 1", "Christmas Magic", "Hallow's Eve", "Plant a Tree for Peace", "Mihai Eminescu-legend of the Romanian soul", "Halloween Party", "Hora Unirii", "Mother, is your birthday" "Vasile Goldiş" Western University of Arad -Supervisor for a students work group for research in biostatistics field.
Computer skills and competences	Windows, Microsoft Office, Maple, Pascal, Java, Visual Basic, Fox Pro, Internet.
Artistic skills and competences	I was responsible with extracurricular activities that have place at school level. I attended Forest High School Day by organizing a painting exposition .
Other skills and competences	Hobbies: painting, music, dancing.
Driving licence	Category B
Supplementary informations	https://www.webofscience.com/wos/author/record/L-2994-2019 https://www.scopus.com/authid/detail.uri?authorId=35113278600 https://www.researchgate.net/profile/Liliana_Guran2 https://scholar.google.ro/citations?user=vldS9BIAAAAJ&hl=ro

List of published research works

1. SCIENTIFIC PAPERS

1.1. Papers published on SCIE indexed (WoS) Journals

1. A. Belhenniche, A. Bucur, **L. Guran**, A. N. Branga. *Using computational techniques of fixed point theory for studying the stationary infinite horizon problem from the financial field*, [J]. **AIMS Mathematics**, 2024, 9(1): 2369-2388. <https://doi.org/10.3934/math.2024117>
WoS JOURNAL-Impact factor 1,427
2. Belhenniche A., Bota M.-F., **Guran L.** *A new approach of overlapping generation model via fixed point technique*, [J]. **AIMS Mathematics**, 2024, 9(1): 1166-1179. <https://doi.org/10.3934/math.2024057>
WoS JOURNAL-Impact factor 1,427
3. Farman M., Akgül A., Hashemi M. S., **Guran L.**, Bucur A. *Fractal Fractional Order Operators in Computational Techniques for Mathematical Models in Epidemiology*, **Computer Modeling in Engineering & Sciences**, 2024, 138(2), 1385-1403. <https://doi.org/10.32604/cmes.2023.028803>
WoS JOURNAL-Impact factor 2,4
4. Jahangeer F., Alshaikey S., Ishtiaq U., Lazăr T.A., Lazăr V.L., **Guran L.** *Certain Interpolative Proximal Contractions, Best Proximity Point Theorems in Bipolar Metric Spaces with Applications*, **Fractal and Fractional**, 2023, 7(10):766. <https://doi.org/10.3390/fractalfract7100766>
WoS JOURNAL-Impact factor 5,4
5. Mani G., Gnanaprakasam A.J., **Guran L.**, George R., Mitrović Z.D. *Some Results in Fuzzy b-Metric Space with b-Triangular Property and Applications to Fredholm Integral Equations and Dynamic Programming*, **Mathematics**, 2023, 11(19):4101. <https://doi.org/10.3390/math11194101>
WoS JOURNAL-Impact factor 2,4
6. Ben Aoua L., Parvaneh V., Oussaeif T.-E., **Guran L.**, Hamed Laid G., Park C. *Common fixed point theorems in intuitionistic fuzzy metric spaces with an application for Volterra integral equations*, **Communications in Nonlinear Science and Numerical Simulation**, 127(2023), 107524. <https://doi.org/10.1016/j.cnsns.2023.107524>
WoS JOURNAL-Impact factor 3,9
7. Tariq H., Akram G., Sadaf M., Iftikhar M., **Guran L.** *Computational study for fiber bragg gratings with dispersive reflectivity using fractional derivative*, **Fractal and Fractional**. 2023; 7(8):625. <https://doi.org/10.3390/fractalfract7080625>
WoS JOURNAL-Impact factor 5,4
8. Tariq K. U., Nadeem M., Zeeshan M., **Guran L.**, Bucur A. *On the dynamics of a dual space–time fractional nonlinear Schrödinger model in optical fibers*, **Results in Physics**, Volume 51, 2023, 106603. <https://doi.org/10.1016/j.rinp.2023.106603>
WoS JOURNAL-Impact factor 4,565
9. Ishtiaq U, Kattan DA, Ahmad K, Lazăr TA, Lazăr VL, **Guran L.** *On intuitionistic fuzzy Nb metric space and related fixed point results with application to nonlinear fractional differential equations*, **Fractal and Fractional**, 2023, 7(7):529. <https://doi.org/10.3390/fractalfract7070529>
WoS JOURNAL-Impact factor 5,4
10. Laouadi B., Taki Eddine O., Benaoua L., **Guran L.**, Radenovic S. *Some new fixed point results in b-metric space with rational generalized contractive condition*, **Journal of Siberian Federal University. Mathematics & Physics**, 2023, 16(4), 506–518. <http://journal.sfu-kras.ru/en/number/30001>
WoS JOURNAL
11. **Guran L.**, Shabbir K., Ahmad K., Bota M.-F. *Stability, data dependence, and convergence results with computational engendering of fractals via Jungck–DK iterative scheme*, **Fractal and Fractional**, 2023, 7(6):418, <https://doi.org/10.3390/fractalfract7060418>
<https://www.mdpi.com/2504-3110/7/6/418>
WoS JOURNAL-Impact factor 3,577
12. Bota M.-F., **Guran L.**, Petrusel G. *Fixed points and coupled fixed points in b-metric spaces via graphical contractions*, **Carpathian Journal of Mathematics**, Volume 39 (2023), No. 1, 85-94. <https://semnul.com/carpathian/cjm-39-2023-no-1build-your-page-with-bluehost-website-builderdesign-effortlessly-with-optimized-and-pre-styled-drag-and-drop-sections-use-bluehost-website-builderuse-default-editor/>
WoS JOURNAL-Impact factor 1.053

13. Aslam M. S., Chowdhury M. S. R., **Guran L.**, Manzoor I., Abdeljawad T., Santana D. and Mlaiki N. *Complex-valued double controlled metric like spaces with applications to fixed point theorems and Fredholm type integral equations*, [J]. **AIMS Mathematics** 2023, Volume 8, Issue 2: 4944-4963.
<https://doi.org/10.3934/math.2023247>
WoS JOURNAL-Impact factor 1,427
14. **Guran L.**, Ahmad K., Shabbir K., Bota M.-F. *Computational comparative analysis of fixed point approximations of generalized α -nonexpansive mappings in hyperbolic spaces*, [J]. **AIMS Mathematics**, 2023, 8(2): 2489-2507.
<https://doi.org/10.3934/math.2023129>
WoS JOURNAL-Impact factor 1,427
15. Belhenniche A., Benahmed S., **Guran L.**, Lobo Pereira F. *On some generalized contractive maps in partial metric space and related fixed point theorems*, **Filomat**, Vol. 36, no.19, 2022.
WoS JOURNAL - Impact factor 0.988
16. Nadeem M., Akgül A., **Guran L.**, Bota M.-F. *A Novel Approach for the Approximate Solution of Wave Problems in Multi-Dimensional Orders with Computational Applications*. **Axioms**, 2022, 11(12):665.
<https://doi.org/10.3390/axioms11120665>
WoS JOURNAL - Impact factor 1.824
17. **Guran L.**, Akgül Karatas E., Akgül A., Bota M.-F. *Remarks on Fractal-Fractional Malkus Waterwheel Model with Computational Analysis*, **Symmetry**, 2022, 14, 2220.
<https://doi.org/10.3390/sym14102220>
WoS JOURNAL - Impact factor 2,713
18. Iqbal, J., Shabbir, K., **Guran L.** *Stability analysis and computational interpretation of an effective semi analytical scheme for fractional order non-linear partial differential equations*. **Fractal Fract.** 2022, 6(7), 393.
<https://doi.org/10.3390/fractalfract6070393>
WoS JOURNAL-Impact factor 3,577
19. Partohaghighi M., Akgül A., **Guran L.**, Bota M.-F. *Novel Mathematical Modelling of Platelet-Poor Plasma Arising in a Blood Coagulation System with the Fractional Caputo–Fabrizio Derivative*, **Symmetry**, 2022; 14(6):1128.
<https://doi.org/10.3390/sym14061128>
WoS JOURNAL-Impact factor 2,713
20. Saleem N., Ishtiaq U., **Guran L.**, Bota M.-F. *On Graphical Fuzzy Metric Spaces with Application to Fractional Differential Equations*, **Fractal Fract** 2022; 6(5):238.
<https://doi.org/10.3390/fractalfract6050238>
WoS JOURNAL-Impact factor 3,577
21. Aslam M.S., Chowdhury M.S.R., **Guran L.**, Alqudah M.A., T. Abdeljawad. *Fixed point theory in complex valued controlled metric spaces with an application*, **AIMS Mathematics**, 2022, 7(7): 11879-11904.
<https://doi.org/10.3934/math.2022663>
WoS JOURNAL-Impact factor 1,427
22. Roy K., Saha M., George R., **Guran L.**, Mitrović Z. D. *Some covariant and contravariant fixed point theorems over bipolar-metric spaces and applications*, **Filomat**, Vol 36, No. 5, 2022.
<https://journal.pmf.ni.ac.rs/filomat/index.php/filomat/issue/view/144>
WoS JOURNAL-Impact factor 0.844
23. Farid G., **Guran L.**, Qiang X., Chu Y.-M. *Study on fractional Fejer-Hadamard type inequalities associated with generalized exponentially convexity*, **U.P.B. Sci. Bull., Series A**, Vol. 83, Iss. 4, 159-170, 2021.
https://www.scientificbulletin.upb.ro/SeriaA_Matematica_si_fizica_aplicate.php?page=revistaonline&a=1&cat=A
WoS JOURNAL-Impact factor 0,465
24. Hammad A. H., Bota M.F., **Guran L.** *Wardowski's Contraction and Fixed Point Technique for Solving Systems of Functional and Integral Equations*, **Journal of Function Spaces**, vol. 2021, Article ID 7017046, 2021. DOI: <https://doi.org/10.1155/2021/7017046>
WoS JOURNAL-Impact factor 1.807
25. Iqbal J., Shabbir K., **Guran L.** *Semianalytical Solutions of Some Nonlinear-Time Fractional Models Using Variational Iteration Laplace Transform Method*, **Journal of Function Spaces**, vol. 2021, Article ID 8345682, 2021. DOI: <https://doi.org/10.1155/2021/8345682>
WoS JOURNAL-Impact factor 1.807
26. Abkar A , Rastgoo M., **Guran L.** *A new iteration process for approximation of fixed points of α - ψ -contractive type mappings in CAT (0) spaces*, **Filomat**, Volume 35, Issue 4, 1369-1381, 2021.
WoS JOURNAL-Impact factor 0.844
<https://doi.org/10.2298/FIL2104369A>
27. **Guran L.**, Mitrović Z.D., Reddy G.S.M., Belhenniche A., Radenović S. *Applications of a Fixed Point Result for Solving Nonlinear Fractional and Integral Differential Equations*, **Fractal Fract.** 2021, 5(4):211.
DOI: <https://doi.org/10.3390/fractalfract5040211>
WoS JOURNAL-Impact factor 3.313

28. Bota M.F., **Guran L.** *Existence of a solution of fractional differential equations using the fixed point technique in extended b-metric spaces*, **AIMS Mathematics**, 2022, Volume 7, Issue 1: 518-535.
DOI: [10.3934/math.2022033](https://doi.org/10.3934/math.2022033)
<https://www.aimspress.com/article/doi/10.3934/math.2022033>
WoS JOURNAL-Impact factor 1,427
29. Bardhan R., Ozel C., **Guran L.**, Aydi H., Park C. *Infinite Geraghty type extensions and their applications on integral equations*, **Adv. Differ. Equ.** 2021, 456 (2021).
<https://doi.org/10.1186/s13662-021-03583-7>
<https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-021-03583-7>
WoS JOURNAL-Impact factor 2,803
30. Lael F., Saleem N., **Guran L.**, Bota M.F. *Nadler's Theorem on Incomplete Modular Space*, **Mathematics**, 2021; 9(16):1927.
<https://doi.org/10.3390/math9161927>
<https://www.mdpi.com/2227-7390/9/16/1927>
WoS JOURNAL-Impact factor 2,258.
31. ul Rehman A., Singh A., Abdeljawad T., Okyere E., **Guran L.** *Modeling, analysis and numerical solution to malaria fractional model with temporary immunity and relapse*, **Adv. Differ. Equ.** 2021, 390 (2021).
WoS JOURNAL-Impact factor 2,296.
<https://doi.org/10.1186/s13662-021-03532-4>
32. Rashwan R.A., Hammad H.A., **Guran L.** *Fixed point results in complex valued metric spaces with an application*, **Facta Universitatis (Nis) Ser. Math. Inform.** Vol. 36, No 2 (2021), 237-247.
<https://doi.org/10.22190/FUMI190313018R>
WoS JOURNAL-No Impact factor
https://mjl.clarivate.com/search-results?issn=0352-9665&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
33. Aslam M.S., Bota M.F., Mohammad S.R.C., **Guran L.** Saleem N. *Common Fixed Points Technique for Existence of a Solution of Urysohn Type Integral Equations System in Complex Valued b-metric Spaces*, **Mathematics**, 2021, 9(4), 400; <https://doi.org/10.3390/math9040400>
WoS JOURNAL-Impact factor 1,747.
<https://www.mdpi.com/2227-7390/9/4/400>
34. **Guran L.**, Bota M.F. *Existence of the solutions of nonlinear fractional differential equations using the fixed point technique in extended b-metric spaces*, **Symmetry**, 2021, 13, 158.
<https://doi.org/10.3390/sym13020158>
<https://www.mdpi.com/2073-8994/13/2/158>
WoS JOURNAL-Impact factor 2,645.
35. George R., Belhenniche A., Benahmed S. Mitrović Z.D., Mlaiki N., **Guran L.** *On an open question in controlled rectangular b-metric spaces*, **Mathematics**, 2020, 8, 2239, doi: [10.3390/math8122239](https://doi.org/10.3390/math8122239).
WoS JOURNAL-Impact factor 1,747.
<https://www.mdpi.com/2227-7390/8/12/2239>
36. Bota M.F, **Guran L.**, Petruşel A. *New fixed point theorems in b-metric spaces with applications to coupled fixed point theory*, **Journal of Fixed Point Theory and Applications**, 22(2020).
DOI: <https://doi.org/10.1007/s11784-020-00808-2>
WoS JOURNAL-Impact factor 1,753.
37. Ansari A. H., Chandok S., **Guran L.**, Farhadabadi S., Shin D.Y., Park C. *(F,h)-upper class type functions for cyclic admissible contractions in metricspaces*, **AIMS Mathematics**, 5(5): 4853–4873, 2020, DOI: [10.3934/math.2020310](https://doi.org/10.3934/math.2020310)
WoS JOURNAL-Impact factor 0.882.
<http://www.aimspress.com/article/10.3934/math.2020310>
38. **Guran L.**, Bota M.F., Naseem A. *Fixed Point Problems on Generalized Metric Spaces in Perov's Sense*, **Symmetry**, 12(856), 2020, doi: [10.3390/sym12050856](https://doi.org/10.3390/sym12050856)
<https://www.mdpi.com/2073-8994/12/5/856/htm>
WoS JOURNAL-Impact factor 2,143.
39. **Guran L.**, Bota M.F., Naseem A., Mitrovic Z., De la Sen M., Radenovic S. *On Some New Multivalued Results in the Metric Spaces of Perov's Type*, **Mathematics**, 8, 438, 2020. doi: [10.3390/math8030438](https://doi.org/10.3390/math8030438)
<https://www.mdpi.com/2227-7390/8/3/438>
WoS JOURNAL-Impact factor 1,105.
40. Ansari A.H., **Guran L.**, Latif A. *Fixed Point Problems concerning Contractive Type Operators on KST-Spaces*, **Carpathian J. Math.**, 34 (2018), No. 3, 287 – 294,
<https://www.carpathian.cunbm.utcluj.ro/article/fixed-point-problems-concerning-contractive-type-operators-on-kst-spaces/>
WoS JOURNAL-Impact factor 1,031.
41. Drăgănescu C.-A., **Guran L.** *Geotechnical and hydrogeological studies that underlie the stability of the land on which the Rovinari Thermal Power Plant is located*, **Scientific Papers-series e-Land**

Reclamation Earth Observation & Surveying Environmental Engineering, Vol. VII, 2018, pp. 32-37.

<http://dspace5.vsb.cz/bitstream/handle/10084/132783/2285-6064-2018v7p37.pdf?sequence=1&isAllowed=y#page=42>

WoS JOURNAL

42. Ansari A.H., Demma M., **Guran L.**, J.R. Lee, C. Park,

Fixed point results for C-class functions on types of modular metric spaces, **Journal of Fixed Point Theory and Applications**, (2018) 20:103,

<https://doi.org/10.1007/s11784-018-0580-z>,

WoS JOURNAL-Impact factor 0,971.

43. **Guran L.**, Bucur A.

Fixed point problems for α - ψ -weakly contractive operators on KST spaces, **Filomat** 31:14 (2017), 4441–4454, <https://doi.org/10.2298/FIL1714441G>.

WoS JOURNAL-Impact factor 0,695.

44. **Guran L.**, Latif A.

Fixed point theorems for multivalued contractive operators on generalized metric spaces, **Fixed Point Theory**, 16(2015), No. 2, 327-336,

[http://www.math.ubbcluj.ro/~nodeacj/vol_16\(2015\)_no_2.php](http://www.math.ubbcluj.ro/~nodeacj/vol_16(2015)_no_2.php)

WoS JOURNAL-Impact factor 1,00.

45. Bucur A., **Guran L.**, Petruşel A

Fixed point theorems for multivalued operators on a set endowed with vector-valued metrics and applications, **Fixed Point Theory**, 10(2009), No. 1, 19-34.

[http://www.math.ubbcluj.ro/~nodeacj/vol_10\(2009\)_no_1.php](http://www.math.ubbcluj.ro/~nodeacj/vol_10(2009)_no_1.php)

WoS JOURNAL-Impact factor 0,700.

1.2. Papers published in Scopus/ International Data Basis indexed /B+-Romanian CNCSIS Journals

1. B. Laouadi, **L. Guran**, T. E. Oussaeif, L. Benaoua, I. C.Tise

New dynamic fixed point results in Menger spaces, **Surveys in Mathematics and its Applications**, Volume 18 (2023), 317 – 328,

<https://www.utgjiu.ro/math/sma/v18/v18.html>

SCOPUS/IDB INDEXED JOURNAL

2. Belhenniche A., **Guran L.**, Benahmed S., Lobo Pereira F.

Solving nonlinear and dynamic programming equations on extended b-metric spaces with the fixed-point technique, **Fixed Point Theory Algorithms Sci Eng.**, 2022, 24 (2022),1-22.

<https://doi.org/10.1186/s13663-022-00736-5>

SCOPUS/IDB INDEXED JOURNAL

3. Shahzeen S., Ahmed M., **Guran L.**

Fixed Point Approximations of a Family of α -nonexpansive Mappings in CAT(0) Spaces, **Journal of Prime Research in Mathematics**, Vol. 18(1) (2022), 7–17.

<http://jprm.sms.edu.pk/fixed-point-approximations-of-a-family-of-%ce%b1-nonexpansive-mappings-in-cat0-spaces/>

SCOPUS/IDB INDEXED JOURNAL

4. Prasad A. K., **Guran L.**, Banafar A.

*Soft *-extremally disconnectedness*, **Journal of Mathematics and Computational Intelligence**, Vol. 1, No. 1 (2021), pp. 75–88,

<https://vidyadatri.com/JMCI/index.php/1/article/view/13>

IDB INDEXED JOURNAL

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41. Pascu I., Drăgănescu C.-A., Guran L. *Analysis of stability of resistance structure in the construction of the A1 highway, Lugoj-Deva section, lot 2 km: 27 + 620 ÷ 47 + 090*, **19th International Multidisciplinary Scientific GeoConference SGEM 2019**
INTERNATIONAL CONFERENCE
42. Pascu I., Drăgănescu C.-A., Guran L. *Geotechnical risk analysis from the A1 highway, Lugoj-Deva section, lot 2 (km: 27 + 620m ÷ 47 + 090m) and reducing solutions thereof*, **19th International Multidisciplinary Scientific GeoConference SGEM 2019**
INTERNATIONAL CONFERENCE

43. Guran L., Bota M. *Some variants of the contraction principle for multi-valued operators, generalizations and applications in b-metric spaces*, **2018 International Conference on Mathematics and its Applications**, Government College University, Lahore, Pakistan, November 13-15, 2018.
<https://www.facebook.com/events/449267972271641/>
<https://pisrt.org/events/>
INTERNATIONAL CONFERENCE- INVITED SPEAKER
44. Guran L., Bota M. *Fixed Point Theorems on Generalized Metric Spaces on Perov' Sense*, **International Workshop on Nonlinear Analysis and Applications (IWNAAP-2018)**, Lahore Pakistan, November 16-18, 2018.
<https://events.umd.edu.pk/EventDetails.aspx?EID=4856#48>
<https://admin.umd.edu.pk/Media/Site/CMAF/SubSites/IWNAAP-2018/FileManager/Conference%20Program-IWNAAP-18.pdf>
INTERNATIONAL CONFERENCE- INVITED SPEAKER
45. Guran L., Bota M. *Ulam-Hyers Stability Problems for Fixed Point Theorems on Generalized Metric Spaces*, **Conference on Ulam's Type Stability**, Timișoara, Romania, October 8-13, 2018.
<https://cuts.up.krakow.pl/2018/index.php?id=8>
INTERNATIONAL CONFERENCE
46. Drăgănescu C.-A., Guran L. *The mathematical modeling of the stability of the slag and ash deposit compartment ii emergency cicani, at + 178.00mdmn*, **18th International Multidisciplinary Scientific GeoConference SGEM 2018**, ranked on the 2nd position in Europe among all conferences specialized in Earth and Planetary Sciences, regarding the ELSEVIER/SCOPUS Rank, Albena Bulgaria, June 30- July 9, 2018.
INTERNATIONAL CONFERENCE
47. Drăgănescu C.-A., Guran L. *Geotechnical and hydrogeological studies that underlie the stability of the land on which the Rovinari Thermal Power Plant is located*, **The International Conference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest "Agriculture for Life, Life for Agriculture"**, Bucharest, Romania June 7 - 9, 2018.
INTERNATIONAL CONFERENCE
48. Bucur A., Guran L., Sh. Rezapour *Existence and Ulam –Hyers stability for α - φ weakly contractive multivalued operators on KST space*, **Conference on Ulam's Type Stability**, Cluj-Napoca, Romania, jointly organized by Department of Mathematics of Technical University of Cluj-Napoca in cooperation with Department of Mathematics of Babeș-Bolyai University (Cluj-Napoca, Romania), Department of Mathematics of Pedagogical University of Cracow (Kraków, Poland), Faculty of Applied Mathematics of AGH University of Science and Technology (Kraków, Poland), July 4-9, 2016.
INTERNATIONAL CONFERENCE
49. Guran L., Bota M. *Ulam-Hyers stability problems for fixed point theorems concerning α - ψ -type contractive operators on KST-spaces*, **International Conference on Nonlinear Operators, Differential Equations and Applications**, Babeș-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 14-17, 2015.
INTERNATIONAL CONFERENCE
50. Guran L. Gîrdu C. *Limbajul de programare în care a fost „scris” Universul*, **Internațional Symposium Education in Nowadays European Context**, 6-th edition, Târgu-Jiu, 2014.
INTERNATIONAL SYMPOSIUM
51. Matei-Cernăianu A., Guran L., Cernăianu N. *Flexible assessment of models based on neuro-fuzzy methods* **International Conference „Education and Creativity for a Society Based on Knowledge”**, Titu Maiorescu University, Bucharest, Computer Sciences section, 2013. **INTERNATIONAL CONFERENCE**
52. Guran L. *Steaua de la Bethlem între mit și astronomie*, **National Symposium, Te uită cum ninge decembrie**, ediția a I-a, Fărcășești, 2013.
NATIONAL SYMPOSIUM
53. Guran L., Tise I.C. *Fixed points theorems for multivalued weakly Reich-contractive operators*, **The 10th International Conference On Fixed Point Theory And Its Applications**, Babeș-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 9 - 15, 2012.
INTERNATIONAL CONFERENCE
54. Guran L., Abdul Latif *Fixed point theorems for multivalued contractive operators on generalized metric spaces*, **The 10th International Conference On Fixed Point Theory And Its Applications**, Babeș-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 9 - 15, 2012.
INTERNATIONAL CONFERENCE
55. Vătuțiu T., Guran L. *Excel optimization tool: the solver*, **International Conference „Education and Creativity for a Society Based on Knowledge”**, Titu Maiorescu University, Bucharest Economic Sciences section, 2012.
INTERNATIONAL CONFERENCE
56. Guran L. *Studiu matematic asupra fotometriei astronomice*, **Internațional Symposium Education in Nowadays European Context**, 4-th edition, Târgu-Jiu, 2012.

57. Neamțu I., Baranga L., Borcoși C., **Guran L.** **INTERNATIONAL SYMPOSIUM** *Characterization of tiles based on biding material mass*, **International Conference „Education and Creativity for a Society Based on Knowledge”**, Titu Maiorescu University, Bucharest Economic Sciences section, 2011.
58. **Guran L.** **INTERNATIONAL CONFERENCE** *Ulam-Hyers w-stability of fixed point equations for multivalued operators on KST spaces*, **International Conference on Nonlinear Operators, Differential Equations and Applications**, Babeș-Bolyai University, Faculty of Mathematics and Computer Sciences, Cluj-Napoca, 5-8 iulie 2011.
59. **Guran L.** **INTERNATIONAL CONFERENCE** *Ulam-Hyers w-stability of fixed point equations on KST spaces* la **7-th International Conference on Applied Mathematics**, North University, Baia-Mare, 1-4 sept 2010.
60. Matei-Cernăianu A., **Guran L.** **INTERNATIONAL CONFERENCE** *Adoption decision support in use or replacement of means of transport using optimal control theory*, **International Conference „Education and Creativity for a Society Based on Knowledge”**, Titu Maiorescu University, Bucharest, Science Economics section, 2010.
61. Lupulescu G., **Guran L.**, Catrina I. **INTERNATIONAL CONFERENCE** *Mathematical onsets concerning determination of the optimum capitalization*, **Quantitative Methods in Economics**, Babeș-Bolyai University, Faculty of Economic Sciences, Cluj-Napoca, 12-14 nov. 2010.
62. **Guran L.** **INTERNATIONAL CONFERENCE** *Existence and data dependence for multivalued weakly Reich-contractive operators* la **“Al. Myller” Mathematical Seminar Centennial Conference**, Ghe. Asachi University, Iași, 21-26 iunie 2010.
63. **Guran L.** **INTERNATIONAL CONFERENCE** *Existence and data dependence for multivalued weakly contractive operators*, **7th Joint Conference on Mathematics and Computer Science**, Babeș-Bolyai University, Faculty of Mathematics and Computer Sciences, Cluj-Napoca, 3-6 iulie 2008.
64. **Guran L.** **INTERNATIONAL CONFERENCE** *A multivalued Perov-type theorems in generalized metric spaces*, **6th International Conference on Applied Mathematics**, Universitatea de Nord, Baia-Mare, September 18-21, 2008.
65. **Guran L.** **INTERNATIONAL CONFERENCE** *Fixed points for singlevalued operators on a metric spaces with respect to w-distance*, **Scientific conference with international participation ECO-GORJ**, Universitatea Constantin Brâncuși, Târgu-Jiu, 1-2 iunie 2007.
66. **Guran L.** **INTERNATIONAL CONFERENCE** *Fixed points for single valued operators with respect to tau-distance* **International Conference „Education and Creativity for a Society Based on Knowledge”**, Titu Maiorescu University, Bucharest, Economic Sciences section, 2007.
67. **Guran L.** **INTERNATIONAL CONFERENCE** *Fixed point theorems for multivalued operators on a set endowed with vector-valued metrics and applications*, **International Conference on Nonlinear Operators, Differential Equations and Applications**, Babeș-Bolyai University, Cluj-Napoca, 4-8 iulie 2007.
68. **Guran L.** **INTERNATIONAL CONFERENCE** *Fixed points for multivalued operators with respect to a w-distance on a metric spaces* la **5-th International Conference on Applied Mathematics**, North University, Baia-Mare, 21-24 sept 2006.
- INTERNATIONAL CONFERENCE**

2. DISTINCTIONS AND AWARDS

1. Reviewer for **American Society of Mathematics** starting by 27.01.2016
2. Member of Scientific Council of Centre for Mathematics and its Applications-University of Management and Technology, Lahore, Pakistan.
<https://cmap.umt.edu.pk/About-Us/Members-of-Scientific-Council.aspx>
3. Member of Executive Council of FATER Academy of India starting with 2019.
<https://www.faterindia.org/fai-executive-council>
4. Member of Editorial Board of International Journal of Advance Study and Research Work-Data basis indexed journal
<http://www.ijasrw.com/editorial.html#>
5. Member of Editorial Board of IJBST Journal Group
<https://board.ijbst.org/>
6. Member of International Advisory Committee for

- GICPAM 2019 – 1st Garrison International Conference On Pure & Applied Mathematics, Lahore Garrison University Lahore, March 5-7, Pakistan.
<http://gu.edu.pk/conference/gicpam2019/index.php>
<https://www.facebook.com/photo.php?fbid=10156364470874775&set=picfp.634799774&type=3&theater>
- 2nd India-Greater Mekong Sub Region International Conference 2019 (IGMSIC 2019), Emerging trends in Tourism, Entrepreneurship and Management, November, 27-29, 2019, India.
<https://faterindia2016.wixsite.com/igmsic2019?fbclid=IwAR3zNa96L2LIZFvG90lOubfjZ8cl7aF4iARVYxEvfafIM-bOUFnmszTGU0>
- The 6th Greater Mekong Subregion International Conference (GMSIC), The Knowledge Discovery of Social Science for Development GMS, University of Management and Economics, Kampong Cham Campus, July 12, 2019, Cambodia.
https://docs.wixstatic.com/ugd/e192f7_a01db843e5f149afa58ef668bd5964ac.pdf
7. Member of International Coordinating Committee
International webinar on “Impact and Strategies for Tourism, Service Management and Academic Sector”, 24-25 May 2020 FATER Academy India, Goa Chapter.
<https://www.faterindia.org/24-25-may-2020-go-a-webinar>
 8. Member of Organizing Committee
International Conference on Research Outlook, Innovations and Research Trends (ICROIRT-2020), 29-30 August 2020, India https://jspmbisotr.edu.in/event_details.php?id=15
 9. Member of International Coordinating Committee
22nd FAI- Springer - IMCIE-2020 - International Conference on Mathematical, Computational Intelligence, Engineering Approaches to HealthCare, Business and Tourism Analytics, 20-22 Decembrie 2020, FATER Academy of India si The American College, Madurai, Tamil Nadu ,India. <https://faterindia2020.wixsite.com/22fai-icmcie2020>
 10. Member of Editorial Board, Global Research and Development Journals, <https://www.grdjournal.com/editorial-board>
 11. Member of Editorial Board, Journal of Mathematics and Computational Intelligence,
<https://vidyadatri.com/JMCI/index.php/1/EditorialBoard>
 12. Member of International Advisory Committee
23rd FAI-ICS 2021-Emerging Trends & Adaptation of Spirituality in Management, Artificial Intelligence, Education, Health, Tourism, Science & Technology, 19-21 Februarie 2021, FATER Academy of India, Arul Anandar College, Madurai, Tamil Nadu, India, Unifacvest, Centro Universitário Facvest, Brazil
<https://faterindia2020.wixsite.com/23fai>
 13. Member of International Coordination Committee
24th FAI-ICDBSMD 2021-24th FAI International Conference on Global Trends of Data Analytics in Business Management, Social Sciences, Medical Sciences and Decision making, 25-27 Iunie 2021, FATER Academy of India, Institute of Technology, Gopeshwar si UNIFACVEST – University Center, Brazil
<https://www.faterindia.org/24thfai2021>
 14. Moderator and International Coordination Committee
IUGMS-CTPDA-2021-INTERNATIONAL WEBINAR Challenges and Threats Post Pandemic Development concerned with Agricultural issues -2021, 12 September 2021, Jointly Organize, FATER Academy of India; Mizoram University *(A Central University)*, India; Institute of Agrarian Economics, Ukraine; The Association of Researchers of Thailand. <https://www.faterindia.org/iugms-ctpda-2021>
 15. Organizing Secretary and Member of International Coordination Committee-
FAI-PMASB 2021- International conference-Public Management and Administration at the Present Stage of State-Building, , On the occasion of 75th Anniversary of Kyiv National University of Trade and Economics, FATER Academy of India & Faculty of Economics, Management and Psychology, Department of Public Administration, Kyiv National University of Trade And Economics, Ukraine, 21-22 Octombrie 2021.
<https://www.faterindia.org/fai-knute-pmassb2021>
 16. Guest Editor
Special Issue “Unique and Non-Unique Fixed Points and their Applications”, Journal of Function Spaces, Impact factor 1.807, Hindawi 2021, <https://www.hindawi.com/journals/jfs/si/695380/>
 17. Organizing Secretary and Member of International Coordination Committee
2nd International Conference, Emerging trends in Management, Social Sciences, and Tourism, 2021 – 2nd IUBGMS 2021, FATER Academy of India, Ferenc Rakoczi II Transcarpathian Hungarian College of Higher Education, Ukraine, UNIFACVEST, Brazil, The Association of Researcher of Thailand, University of Management and Economics, Cambodia, Swami Vivekanand Vidyaprasarak Mandal's College, Jointly Organize India, Ukraine, Brazil & Greater Mekong Subregion, 26-28 November, 2021.
<https://www.faterindia.org/2nd-iubgms-go-a-conference-2021>
 18. Member of International Coordination Committee,
8th International Conference “Strategies, Models and Technologies af Economic Systems Management”, **SMTESM-2021**, dedicated to the 25th anniversary of the Department of Automated Systems and Modeling in Economics, organized by Ministry of Education and Science of Ukraine, Khmelnytskyi National University, Academy of Economic Sciences of Ukraine, FATER Academy, India (FAI), Union of Economists of Ukraine, Rajamangala Rattanakosin University of Technology (Thailand), FACVEST University Center (Lages, Brazil), University of

- Management and Economics, Kampong Cham, Cambodia, Vytautas Magnus University (Kaunas, Lithuania), Ivane Javakhishvili Tbilisi State University (Tbilisi Georgia), Taras Shevchenko National University of Kyiv (Ukraine), Banking University (Lviv, Ukraine), V. N. Karazin Kharkiv National University, (Ukraine), Ferenc Rakoczi II Transcarpathian Hungarian College of Higher Education (Beregovo, Ukraine), Higher State Educational Institution "Kyiv National Economic University named after Vadym Hetman" (Ukraine), Kryvyi Rih State Pedagogical University (Ukraine), December 3-4, 2021, Khmelnytskyi, Ucraina.
<http://smtesm.khnu.km.ua/ua/>
19. Member of International Advisory Committee
2nd International Conference on Research Outlook, Innovations and Research Trends (ICROIRT-2022), India, 22-23 January 2022.
<https://www.ijasrw.com/conferences2022>
 20. Member of International Advisory Committee
FAI International Conference & 6th Research Symposium on Computing on Emerging Trends of Computational Intelligence and Application in Health Care, Businesses Management and Social Sciences, Jointly Organized by FATER Academy of India, Department of Computer Science & Engineering and Information Technology; Walchand College of Engineering, Sangli, Marashtra, India, 23-24 April 2022.
 21. Moderator, Member of International Coordination Committee
Innovation and Relevance in Organic Farming IUGMS-IROF-2022, India, Ukraine And Greater Mekong Sub-Regional, International Webinar-2022, Jointly Organize by FATER Academy of India; Mizoram Central University (India); Institute of Agrarian Economics (Ukraine); The Association of Researchers of Thailand, University of Management and Economics, Kampong, Cham, Cambodia & Sahasra Crop Science (P) Limited, Hyderabad, India, 27-28 May, 2022.
<https://www.faterindia.com/iugms-irof-2022>
 22. Guest Editor. Special Issue **New Trends on Fixed Point Theory** of the journal **Fractal and Fractional-MDPI**, ISSN 2504-3110. Impact factor 3,577, MDPI 2022.
https://www.mdpi.com/journal/fractalfract/special_issues/new_trends_on_fixed_point_theory
 23. Member of International Advisory Committee for **GICPAM 2022 – 2nd Garrison International Conference on Pure & Applied Mathematics, Lahore Garrison University Lahore**, June 16-17, 2022, Pakistan.
<https://lgu.edu.pk/conference/gicpam2022/>
 24. Organizing Secretary, Member of International Coordination Committee, Associated Editorial Board of Conference Proceedings Springer indexed, **25th FAI-ART International Conference 2022, on Multidisciplinary Scientific Intelligence in New Normal Digital Era**, 25th FAI-ART-ICMSIDE 2022, 15-19 October 2022, Mahachulalongkornrajavidyalaya University, Palisuksa Buddhagosa Campus, Nakhon Pathom, Mahamakut Buddhist University, Nakhon Pathom, School of Management, Shinawatra University, Pathum Thani, Thailand.
<https://www.faterindia.com/25th-fai-art-icmside-2022>
 25. Guest Editor. Special Issue **New Trends on Fixed Point Theory: On a Fractal and Fractional Perspective** of the journal **Fractal and Fractional-MDPI**, ISSN 2504-3110. Impact factor 5,4, MDPI 2023.
https://www.mdpi.com/journal/fractalfract/special_issues/new_trends_on_fixed_point_theory2
 26. Member of International Advisory Committee for **GICPAM 2023 – 3rd Garrison International Conference on Pure & Applied Mathematics, Lahore Garrison University Lahore**, June 21-23, 2023, Pakistan.
 27. Guest Editor. Special Issue **Metric Spaces with Its Application to Fractional Differential Equations** of the journal **Fractal and Fractional-MDPI**, ISSN 2504-3110. Impact factor 3,577, MDPI 2023.
https://www.mdpi.com/journal/fractalfract/special_issues/7JPS4V44XS

3. REVIEWER

1. Brithish Journal of Mathematics and Computer Sciences- SCIE indexed Journal
2. Fixed Point Theory and Applications-International Data Basis indexed journal
3. Transylvanian Journal of Mathematics and Mecanics- International Data Basis indexed journal
4. Universal Journal of Mathematics and Applications- International Data Basis indexed journal
5. Asian Journal of Mathematics- International Data Basis indexed
6. Journal of Prime Research in Mathematics- International Data Basis indexed
7. Journal of Advances Mathematics and Computer Sciences- SCIE indexed Journal
8. Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics- SCIE indexed Journal
9. Symmetry-SCIE indexed Journal
10. Mathematics- SCIE indexed Journal
11. AIMS Mathematics- SCIE indexed Journal
12. Fixed Point Theory- SCIE indexed Journal