

Lista lucrărilor publicate

Liliana Manciu Guran

a) Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii

1. Srivastava P., Sharma N., **Guran L.** *A Study on Medical Diagnostic Approach to Investigate Cardiac Diseases.* In: Srivastava, P., Thivagar, M.L., Oros, G.I., Tan, C.C. (eds) **Mathematical and Computational Intelligence to Socio-scientific Analytics and Applications. Lecture Notes in Networks and Systems**, vol 518 (2022), pag 1-13. Springer, Singapore.
https://doi.org/10.1007/978-981-19-5181-7_1
SERIE INDEXATĂ SCOPUS
<https://www.scopus.com/sourceid/21100901469>
2. 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>
REVISTĂ INDEXATĂ WoS-Factor de impact 1.824
3. **Guran L.**, Akgül Karatas E., Akgül A., Bota M.-F. *Remarks on Fractal-Fractional Malkus Waterwheel Model with Computational Analysis,* **Symmetry**, 14, 2022.
<https://doi.org/10.3390/sym14102220>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,713
4. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,713
5. **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>
REVISTĂ INDEXATĂ WoS -Factor de impact 1,427
6. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 3,577
7. 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).
<https://doi.org/10.1186/s13662-021-03532-4>
REVISTĂ INDEXATĂ WoS -Factor de impact 2.803.

8. **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.
<https://doi.org/10.3390/fractalfract5040211>
REVISTĂ INDEXATĂ WoS - Factor de impact 3,557
9. **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(2):158.
<https://doi.org/10.3390/sym13020158>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,940
10. 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>
REVISTĂ INDEXATĂ SCOPUS
<https://www.scopus.com/sourceid/4000149607?origin=sbrowse>

b) teza sau tezele de doctorat

Titlul tezei: *Fixed Point Theory for Multivalued Operators on KST-spaces*

Conducător: Prof. Dr. Petrușel Adrian

Data susținerii tezei: 09.10.2009

c) brevete de invenție și alte titluri de proprietate industrială

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d) cărți și capitole în cărți;

1. Matei-Cernăianu A.D., *Elemente de matematică aplicată în economie*, Editura SITECH, Craiova, 2022, ISBN 978-606-11-7964-0.
Guran L.
EDITURA RECUNOSCUTA CNCSIS
2. **Guran L.** *Matematici aplicate în economie-suport de curs*, Editura Renaissance, București, 2012.
EDITURA RECUNOSCUTA CNCSIS
3. **Guran L.** *Modele matematice aplicate în astronomie. Spectre stelare*, Editura Renaissance, București, 2011, ISBN 978-606-8321-04-2.
EDITURA RECUNOSCUTA CNCSIS
4. Catrina I., **Guran L.** *Sistemul metodelor de calculație a costurilor, economie matematică și probleme actuale ale economiei de piață, Ediția a II-a revizuită*, Editura Focus, Petroșani, 2011, ISBN 978-973-677-229-0.
EDITURA RECUNOSCUTA CNCSIS
5. Catrina I., **Guran L.** *Sistemul metodelor de calculație a costurilor, economie matematică și probleme actuale ale economiei de piață*, Editura Focus, Petroșani, 2009, ISBN 978-973-677-154-5.
EDITURA RECUNOSCUTA CNCSIS
6. Stoian M. S., Balaieți M. C., **Guran L.** *Matematică pentru economiști*, Editura MatrixRom, București, 2009, ISBN 978-973-755-442-0.
EDITURA RECUNOSCUTA CNCSIS

e) articole/studii, publicate în reviste din fluxul științific internațional principal;

e1) Articole publicate în reviste indexate Web of Science

1. Bota M.-F., **Guran L.**, *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/>
REVISTĂ INDEXATĂ WoS -Factor de impact 1.053
2. 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** 2022, Volume 8, Issue 2: 4944-4963.
<https://10.3934/math.2023247>
REVISTĂ INDEXATĂ WoS -Factor de impact 1,427
3. **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**, 2022, 8(2): 2489-2507.
<https://doi.org/10.3934/math.2023129>
REVISTĂ INDEXATĂ WoS -Factor de impact 1,427
4. 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, pp. 6539–6551. <https://doi.org/10.2298/FIL2219539B>
REVISTĂ INDEXATĂ WoS -Factor de impact 0.988
5. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 1.824
6. **Guran L.**, Akgül Karatas E., Akgül A., Bota M.-F. *Remarks on Fractal-Fractional Malkus Waterwheel Model with Computational Analysis*, **Symmetry**, 2022, 14, 2022.
<https://doi.org/10.3390/sym14102220>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,713
7. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 3,577
8. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,713
9. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 3,313

10. 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*, [J]. **AIMS Mathematics**, 2022, 7(7): 11879-11904. <https://doi.org/10.3934/math.2022663>
REVISTĂ INDEXATĂ WoS -Factor de impact 1,427
11. 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**, 36:5 (2022), 1755–1767. <https://doi.org/10.2298/FIL2205755R>
REVISTĂ INDEXATĂ WoS-Factor de impact 0.844
12. 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
REVISTĂ INDEXATĂ WoS -Factor de impact 0,465
13. 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 <https://doi.org/10.1155/2021/7017046>
REVISTĂ INDEXATĂ WoS -Factor de impact 1.807
14. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 1.807
15. A .Abkar, M. Rastgoo, **L. Guran** *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. **REVISTĂ INDEXATĂ WoS - Factor de impact 0.844**
<https://doi.org/10.2298/FIL2104369A>
<https://www.pmf.ni.ac.rs/filomat-content/2021/35-4/FILOMAT%2035-4.html>
16. **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>
REVISTĂ INDEXATĂ WoS -Factor de impact 3.313
17. 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**, 7(1): 518–535, 2021. DOI: <https://doi.org/10.3934/math.2022033>
<http://www.aimspress.com/article/doi/10.3934/math.2022033>
REVISTĂ INDEXATĂ WoS -Factor de impact 1,169
18. Bardhan. R., Ozel C., **Guran L.**, Aydi H., Park C. *Infinite Geraghty type extensions and their applications on integral equations*, **Adv. Differ. Equ.**, 456 (2021). <https://doi.org/10.1186/s13662-021-03583-7>
<https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-021-03583-7>
REVISTĂ INDEXATĂ WoS -Factor de impact 2,803
19. 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>

20. ul Rehman A., Singh A., Abdeljawad T., Okyere E., **Guran L.** **REVISTĂ INDEXATĂ WoS -Factor de impact 2,258.** *Modeling, analysis and numerical solution to malaria fractional model with temporary immunity and relapse*, **Adv. Differ. Equ.** **2021**, 390 (2021).
<https://doi.org/10.1186/s13662-021-03532-4>
21. Rashwan R.A., Hammad H.A., **Guran L.** **REVISTĂ INDEXATĂ WoS -Factor de impact 2.803.** *Fixed point results in complex valued metric spaces with an application*, **Facta Universitatis (Nis) Ser. Math. Inform.** Vol. 36, No 2 (2021), 237-247, 2021.
<https://doi.org/10.22190/FUMI190313018R>
22. Aslam M.S., Bota M.F., Mohammad S.R.C., **Guran L.**, Saleem N. **REVISTĂ INDEXATĂ WoS - fără factor de impact** *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>
<https://www.mdpi.com/2227-7390/9/4/400>
23. **Guran L.**, Bota M.F. **REVISTĂ INDEXATĂ WoS -Factor de impact 1,747.** *Existence of the solutions of nonlinear fractional differential equations using the fixed point technique in extended b-metric spaces*, **Symmetry**, **2021**, 13(2):158,
<https://doi.org/10.3390/sym13020158>
<https://www.mdpi.com/2073-8994/13/2/158>
24. George R., Belhenniche A., Benahmed S. Mitrović Z.D., Mlaiki N., **Guran L.** **REVISTĂ INDEXATĂ WoS -Factor de impact 2,645.** *On an open question in controlled rectangular b-metric spaces*, **Mathematics**, 2020, 8(12):2239, doi: [10.3390/math8122239](https://doi.org/10.3390/math8122239).
<https://www.mdpi.com/2227-7390/8/12/2239>
25. Bota M.F., **Guran L.**, Petrusel A. **REVISTĂ INDEXATĂ WoS -Factor de impact 1,747** *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>
<https://link.springer.com/article/10.1007%2Fs11784-020-00808-2>
26. Ansari A. H., Chandok S., **Guran L.**, Farhadabadi S., Shin D.Y., Park C. **REVISTĂ INDEXATĂ WoS -Factor de impact 1,753.** *(F,h)-upper class type functions for cyclic admissible contractions in metric spaces*, **AIMS Mathematics**, 5(5): 4853–4873, 2020,
DOI:[10.3934/math.2020310](https://doi.org/10.3934/math.2020310)
<http://www.aimspress.com/article/10.3934/math.2020310>
27. **Guran L.**, Bota M.F., Naseem A. **REVISTĂ INDEXATĂ WoS -Factor de impact 0.882.** *Fixed Point Problems on Generalized Metric Spaces in Perov's Sense*, **Symmetry**, 12(5), 856, 2020, DOI:[10.3390/sym12050856](https://doi.org/10.3390/sym12050856)
<https://www.mdpi.com/2073-8994/12/5/856/htm>
28. **Guran L.**, Bota M.F., Naseem A., Mitrovic Z., De la Sen M., Radenovic S. **REVISTĂ INDEXATĂ WoS -Factor de impact 2,143.** *On Some New Multivalued Results in the Metric Spaces of Perov's Type*, **Mathematics**, 8(3), 438, 2020. DOI:[10.3390/math8030438](https://doi.org/10.3390/math8030438)
<https://www.mdpi.com/2227-7390/8/3/438>
29. Ansari A.H., **Guran L.**, Latif A. **REVISTĂ INDEXATĂ WoS -Factor de impact 1,105.** *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/>
- REVISTĂ INDEXATĂ WoS -Factor de impact 1,031.**

30. 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>
REVISTĂ INDEXATĂ WoS -fără factor de impact
http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*&202285-6064
31. 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>
REVISTĂ INDEXATĂ WoS -Factor de impact 0,971.
32. **Guran L.**, Bucur A. *Fixed point problems for α - ψ -weakly contractive operators on KST spaces*, **Filomat** Volume 31, Issue 14 (2017), 4441–4454.
<https://doi.org/10.2298/FIL1714441G>
<https://www.pmf.ni.ac.rs/filomat-content/2017/31-14/FILOMAT%2031-14.html>
REVISTĂ INDEXATĂ WoS -Factor de impact 0,695.
33. **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)
REVISTĂ INDEXATĂ WoS -Factor de impact 1,00.
34. Bucur A., **Guran L.**, Petrușel 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/vol10\(2009\)_no_1.php](http://www.math.ubbcluj.ro/~nodeacj/vol10(2009)_no_1.php)
REVISTĂ INDEXATĂ WoS -Factor de impact 0,700.

e2) Articole publicate în reviste cotate B+ CNCSIS/BDI

1. Srivastava P., Sharma N., **Guran L.** *A Study on Medical Diagnostic Approach to Investigate Cardiac Diseases. In: Srivastava, P., Thivagar, M.L., Oros, G.I., Tan, C.C. (eds) Mathematical and Computational Intelligence to Socio-scientific Analytics and Applications. Lecture Notes in Networks and Systems, vol 518 (2022), pag 1-13. Springer, Singapore.*
https://doi.org/10.1007/978-981-19-5181-7_1
SERIE INDEXATĂ SCOPUS
<https://www.scopus.com/sourceid/21100901469>
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>
REVISTĂ INDEXATĂ SCOPUS
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/>
REVISTĂ INDEXATĂ SCOPUS

4. Prasad A.K., **Guran L.**, *Soft \ast -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>
REVISTĂ INDEXATĂ BDI
5. Belhenniche A.,
 Benahmed S., **Guran L.** *Existence of a solution for integral Urysohn type equations system via fixed points technique in complex valued extended b-metric spaces*, **Journal of Prime Research in Mathematics**, Vol.16(2)(2020), 109-122.
<http://jprm.sms.edu.pk/existence-of-a-solution-for-integral-urysohn-type-equations-system-via-fixed-points-technique-in-complex-valued-extended-b-metric-spaces/>
REVISTĂ INDEXATĂ BDI, REVISTĂ INDEXATĂ SCOPUS
6. Latif. A., **Guran L.**,
 Bota M. *Ulam-Hyers stability problems and fixed points for contractive type operators on KST-Spaces*, **Linear and Nonlinear Analysis: an international journal**, Volume 5, Number 3, 2019, 379-390.
<http://yokohamapublishers.jp/online2/oplna/vol5/p379.html>
REVISTĂ INDEXATĂ BDI
7. Hammad H.A., Rashwan
 R.A., **Guran L.** *A random common fixed point results with application to a system of nonlinear integral equations*, **Malaya Journal of Matematik**, Vol. 5, No. 4, 667-674, 2017.
<https://doi.org/10.26637/MJM0504/0009>.
REVISTĂ INDEXATĂ BDI
8. **Guran L.** *Ulam-Hyers stability of fixed point equations for multivalued operators on KST spaces*, **Surveys in Mathematics and its Applications**, 9(2014), 167-175.
<https://www.emis.de/journals/SMA/v09/p10.pdf>
REVISTĂ COTATĂ B+, INDEXATĂ BDI
9. Vătuuiu T., **Guran L.** *Excel Optimization Tool: The Solver*, **Journal of Knowledge Management, Economics and Information Technology, Economical essays**, Special Issue, (2012), 103-114.
<http://www.scientificpapers.org/special-issue-december-2012/>
REVISTĂ INDEXATĂ BDI
10. **Guran L.** *Existence and data dependence for multivalued weakly Reich-contractive operators*,
Surveys in Mathematics and its Applications, 7(2012), 137-145.
<http://www.utgjiu.ro/math/sma/v07/p11.pdf>
REVISTĂ COTATĂ B+, INDEXATĂ BDI
11. **Guran L.** *Ulam-Hyers w -stability of fixed point equations for singlevalued operators on KST spaces* **Creat. Math. Inform**, Vol. 21 (2012), No. 1, 41 – 47.
<https://www.creative-mathematics.cunbm.utcluj.ro/article/ulam-hyers-stability-of-fixed-point-equations-for-singlevalued-operators-on-kst-spaces/>
REVISTĂ COTATĂ B+, INDEXATĂ BDI
12. Matei-Cernăianu A.,
Guran L. *Adoption decision support in use or replacement of means of transport using optimal control theory*, **MegaByte**, 2(2010), no. 10, 201-206.
http://megabyte.utm.ro/en/2010_nr%202.htm
REVISTĂ COTATĂ B+, INDEXATĂ BDI
13. **Guran L.** *Existence and data dependence for multivalued weakly φ -contractive operators*, **Fasciculi Mathematici**, 43(2010), 45-52.
http://www.math.put.poznan.pl/fasci_contents.htm#n43
REVISTĂ INDEXATĂ BDI

14. Garcia-Falset J., **Guran L.**, Llorens-Fuster E. *Fixed points for multivalued contractions with respect to a w -distance*, **Scientiae Mathematicae Japonicae**, Vol. 71(2010), no 1, 83-91.
<http://www.jams.or.jp/scm/contents/e-2009-7/2009-67.pdf>
REVISTĂ INDEXATĂ BDI
15. **Guran L.** *Fixed points for multivalued contractions on metric spaces*, **Surveys in Mathematics and its Applications**, 5(2010), 191-199.
<https://www.emis.de/journals/SMA/v05/p14.pdf>
REVISTĂ COTATĂ B+, INDEXATĂ BDI
16. **Guran L.**, Petrușel A. *Strict fixed point for contractive-type operators on metric spaces endowed with a w -distance*, **Analele Universității de Vest, Timișoara, seria Matematică-Informatică**, Vol. XLVII, Fasc. 3(2009), 57-67.
REVISTĂ COTATĂ B+, INDEXATĂ BDI
17. **Guran L.** *Multivalued Perov-type theorems in generalized metric spaces*, **Surveys in Mathematics and its Applications**, 4(2009), 89-97.
<http://www.utgjiu.ro/math/sma/v04/v04.html>
REVISTĂ COTATĂ B+, INDEXATĂ BDI
- 18 **Guran L.** *Existence and data dependence for multivalued weakly contractive operators*, **Studia Univ. Babeș-Bolyai, Mathematica**, 54(2009), no. 3, 67-76.
<http://www.cs.ubbcluj.ro/~studia-m/2009-3/guran.pdf>
REVISTA COTATĂ B+, INDEXATĂ BDI
19. **Guran L.**, Petrușel A. *Existence and data dependence for multivalued weakly Ciric-contractive operators*, **Acta Univ. Sapientiae, Mathematica**, 1, 2(2009) 151-159.
<https://www.emis.de/journals/AUSM/C1-2/math2-5.pdf>
REVISTĂ INDEXATĂ BDI
20. **Guran L .** *A multivalued Perov-type theorems in generalized metric spaces*, **Creat. Math. Inform.** Vol. 17(2008), No. 3, 412-419.
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REVISTĂ COTATĂ B+, INDEXATĂ BDI
21. **Guran L .** *Fixed points for multivalued operators with respect to a w -distance on a metric spaces*, **Carpathian Journal of Mathematics**, 23(2007), no.1-2, 89-92.
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f) publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;

1. **Guran L.** *Some Fixed Point Theorems and Applications to Ulam–Hyers Stability on b -Rectangular metric Spaces*, **Mathematical, Computational Intelligence and Engineering Approaches for Tourism, Agriculture and Healthcare (Lecture Notes in Networks and Systems, nr. 214)**, ISBN-13: 9789811638060, ISBN-10: 9811638063, Prima editie, Editura Springer, Singapore, 2021.
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2. 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*, **Conference proceedings of 19th International Multidisciplinary Scientific GeoConference SGEM 2019**, Volume 19, Issue 1.2, 2019, Pages 43-50. DOI: [10.5593/sgem2019/1.2/S02.006](https://doi.org/10.5593/sgem2019/1.2/S02.006)
<https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=5051>
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3. 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*, **Conference proceedings of 19th International Multidisciplinary Scientific GeoConference SGEM 2019**, Volume 19, Issue 1.2, 2019, Pages 281-288. DOI: [10.5593/sgem2019/1.2/S02.036](https://doi.org/10.5593/sgem2019/1.2/S02.036)
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<https://www.scopus.com/sourceid/21100274701>
SERIE INDEXATĂ SCOPUS
5. Matei-Cernăianu A., **Guran L.**, Cernăianu N. *Flexible assessment of models based on neuro-fuzzy methods*, publicat în volumul Conferinței Internaționale „Educație și Creativitate pentru o societate bazată pe cunoaștere”, Conferința Internațională Educație și Creativitate pentru o Societate Bazată pe Cunoaștere - INFORMATICĂ, București, Universitatea Titu Maiorescu, 2013, ISSN 2248-0056, Österreichische Nationalbibliothek Wien The International Conference Education and Creativity for a Knowledge – based Society – COMPUTER SCIENCE, Vienna, Österreichish Rumanischer Akademischer Verein, 2013, ISBN 978-3-9503145-5-7, pag. 44-50, 2013.
<http://ssrn.com/abstract=2394605>
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2394605
6. Neamțu I., Baranga L., Borcoși C., **Guran L.** *Characterization of tiles based on biding material mass*, , publicat în volumul Conferinței Internaționale „Educație și Creativitate pentru o societate bazată pe cunoaștere”, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 2011, pag. 66-69, ISBN: 978-606-8002-61-3.
- f) alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice
1. **Guran L.** *Ecuatiile Crăciunului*, publicat în volumul digital al **Simpozionului „Te uită cum ninge decembrie”**, ediția a IV-a, 2016, ISSN 2359-8794, ISSN-L 2357-8794.

2. **Guran L.**, Gîrdu C. *Limbaajul de programare în care a fost „scris” Universul*, publicat în volumul digital **Simpozionului Internațional „Education in Nowadays European Context”**, ediția a VI-a, 2014, Editura Scrisul Românesc, Craiova, ISSN 2359-8794, ISSN-L 2357-8794.
3. **Guran L.** *Steaua de la Bethlehem între mit și astronomie*, publicat în volumul digital al digital **Simpozionului Național „Te uită cum ninge decembrie”**, ediția a I-a, 2013, ISSN 2359-8794, ISSN-L 2357-8794.
4. **Guran L.** *Studiu matematic asupra fotometriei astronomice*, publicat în volumul digital **Simpozionului Internațional „Education in Nowadays European Context”**, ediția a IV-a, 2012, Editura Scrisul Românesc, Craiova, pag. 205-209, ISBN: 978-606-8229-42-3.
5. Lupulescu G., **Guran L.**, Catrina I. *Mathematical onsets concerning deterioration of the optimum capitalization*, **articol indexat în baza de date internaționale** recunoscută în domeniul Research Papers in Economics **RePEc, IDEAS, Econ Papers**, www.repec.org, în urma unui proces de selecție prin MPRA, serviciul specializat al Universității din Munchen (2010).
<http://EconPapers.repec.org/RePEc:pra:mprapa:26967>
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6. **Guran L.** *Fixed point theorems for multivalued contractive operators on generalized metric spaces* **articol indexat în baza de date internaționale** recunoscută în domeniul Research Papers in Economics **RePEc, IDEAS, Econ Papers**, www.repec.org, în urma unui proces de selecție prin MPRA, serviciul specializat al Universității din Munchen (2010)
<http://EconPapers.repec.org/RePEc:pra:mprapa:26204>
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7. **Guran L.** *Fixed points for singlevalued operators with respect to w -distance*, **Analele Universității Constantin Brâncuși**, 1(2007), no 2, 277-280.
REVISTA COTATA C, **articol indexat în baza de date internaționale** recunoscută în domeniul Research Papers in Economics **RePEc, IDEAS, Econ Papers**, www.repec.org, în urma unui proces de selecție prin MPRA, serviciul specializat al Universității din Munchen (2007)
<http://EconPapers.repec.org/RePEc:pra:mprapa:26931>
<http://mpr.ub.uni-muenchen.de/26931/>
8. **Guran L.** *Fixed points for singlevalued operators with respect to τ -distance*, publicat în volumul Conferinței Internaționale **„Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 34-36, 2007, ISBN 978-973-569-964-2, **articol indexat în baza de date internaționale** recunoscută în domeniul Research Papers in Economics **RePEc, IDEAS, Econ Papers**, www.repec.org, în urma unui proces de selecție prin MPRA, serviciul specializat al Universității din Munchen (2007)
<http://EconPapers.repec.org/RePEc:pra:mprapa:26927>
<http://mpr.ub.uni-muenchen.de/26927/>

g) participare conferințe

1. **Guran L.** *Remarks on the Internet of Behavior, International Conference on Advancements in Scientific Computing and Machine Learning (ICASCML 2023)*, organized by organized by Shanti Education Research Foundation, SERF, Janipur, India, February 22-24, 2023.
The Best Presentation award
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
2. **Guran L.** *Fixed point theory in complex valued b-metric spaces with applications, International Conference in hybrid mode on “APPLIED AND INDUSTRIAL MATHEMATICS”*, organized by A. H. Siddiqi Centre for Advanced Research in Applied Mathematics & Physics (CARAMP), Sharda University, India and the Indian Society of Industrial and Applied Mathematics (ISIAM) 24- 26 March 2023.
<https://www.sharda.ac.in/caramp/icaim2023/>
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
3. **Guran L.** *Fixed point theory for graphical contractions in b-metric spaces, International conference in on Recent Trends in Mathematical Sciences, ICRTMSC-2023*, organized by Swami Vivakanand, Govt. Post Graduate College, Neemuch (M.P.) India, February 10-11, 2023.
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
4. **Guran L.** *7th Online International Conference on Ancient Mathematics and Science for Computing-AMSCO 2K22*, December, 24-25, 2022.
https://www.bitmesra.ac.in/BIT_News?cid=5&nid=1501
CHIEF GUEST
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
5. **Guran L.** *Fixed point theory in real world, National Mathematics Day*, organized by Department of Mathematics, GLDM Govt. College Degree, Hiranagar, sponsored by J&K Science, Technology and Innovation Council, Department of Science and Technology, Govt. of India, December 22, 2022.
INVITED SPEAKER
SEMINAR INTERNAȚIONAL INVITAT
6. **Guran L., Bota M.F., Petrusel G.** *Fixed points and coupled fixed points for graphical contractions in b-metric spaces, 2nd Garrison International Conference on Pure and Applied Mathematics, GICPAM 2022* organized by Department of Mathematics, Lahore Garrison University, Lahore, Pakistan, June 16-17, 2022.
<https://lgu.edu.pk/conference/gicpam2022/>
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
7. **Guran L., Bota M.F., Petrusel G.** *Fixed points and coupled fixed points in b-metric spaces via graphical contractions, 6th International Conference on Computational Mathematics and Engineering Sciences*, 20-22 Mai 2022, Ordu, Turkey.
<https://www.cmescongress.org/speakers>
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
8. **Guran L.** *Applications of new fixed point results in dynamic programming, International Conference on Computational Applied Sciences & Its Applications (ICCASA) - 2022*, organized by the Department of Applied

- Sciences, University of Engineering & Management Jaipur, 28-29 Aprilie, 2022.
<https://iccasa.uem.edu.in/>
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
9. **Guran L.** Singh R. *Modelling, analysis & numerical solution to malaria fractional model with temporary immunity and relapse*, **International Conference on Mathematical Analysis & Applications**, organized by Department of Mathematical Sciences, Baba Ghulam Shah Badshah University Rajouri, Jammu & Kashmir, INDIA, 30-31 Martie, 2022.
<https://www.bgsbu.ac.in/>
PLENARY SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
10. **Guran L.**, Bota M.F. *Aspects on Methodology of Mathematics*, **World Research Summit 2022 on Qualitative Research Methodology**, organized by Faculty of Science, Parishkar College Of Global Excellence, Jaipur, Rajasthan, India, March 25, 2022.
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
11. **Guran L.** *Women in Mathematics*, Seminar on „Gender Equality Today for a Sustainable Tomorrow-a Mathematical Analysis”, organized by Mathematics Council of Sri Dev Suman Uttarakhand University, Pt. L. M. S. Campus Rishikesh, Uttarakhand, India, 8 Martie 2022.
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
12. **Guran L.** *Existence of a Solution of Fractional Differential Equations via Fixed Points Technique for Cyclic Operators on Extended b-Metric Spaces*, **6th Online International Conference on Ancient Mathematics and Science for Computing-AMSCO 2K21**, December, 24-25, 2021.
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
13. **Guran L.** *Common fixed points technique in complex valued b-metric spaces*, **Academia International Conference on Mathematics and Mathematics Education, AICMME-2021**, Siirt University, Turkey, 1-3 December 2021.
<https://www.aicmath.com/speakers>
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
14. **Guran L.**, Bota M.F. *Solving an Urysohn integral type equations system using fixed point technique*, **8th International Conference “Strategies, Models and Technologies of Economic Systems Management”**, SMTESM-2021, dedicated to the 25th anniversary of the Department of Automated Systems and Modeling in Economics, December 3-4, 2021, Khmelnytskyi, Ucraina.
<http://smtesm.khnu.km.ua/ua/>
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
15. Bota M.F., **Guran L.**, Petrușel A. *Fixed point theorems in b-metric spaces with applications*, **4th International Conference on Mathematical and Related Sciences, ICRMS, Anand International College of Engineering, Jaipur, India**, October 22-24, 2021.
<http://www.ic-mrs.org/>
CONFERINȚĂ INTERNAȚIONALĂ

16. **Guran L., Belhenniche A.** *Fixed point result on complete metric space with respect to w -distance*, **4th International Conference on Mathematical and Related Sciences, Anand International College of Engineering, Jaipur, India**, October 22-24, 2021.
<http://www.ic-mrs.org/>
CONFERINȚĂ INTERNAȚIONALĂ
17. **Guran L., Bota M.F.** *Some variants of the contraction principle for multi-valued operators in b -metric spaces*, **8th International Conference on Recent Advances in Pure and Applied Mathematics, Goddess of Bodrum Isis Hotel, Bodrum/Muğla, TURKEY**, September 24-27, 2021.
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
<https://2021.icrapam.org/invited.php>
18. **Guran L., Bota M.F.** *Common fixed points technique for existence of a solution of Urysohn type integral equations system in complex valued b -metric spaces*, **4th International Conference on Life and Engineering Sciences (ICOLES-2021), Fenerbahçe University, İstanbul, TURKEY**. 23-25 September 2021
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
<http://www.icoles.net/>
19. **Guran L., Bota M.F.** *Fixed point theory in complex-valued b -metric spaces with applications*, **International Conference on Intelligent Vision and Computing (ICIVC 2021)**, Organized by Sur University College, Oman, Technically Sponsored by Soft Computing Research Society, October 03-04, 2021.
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
<https://www.icivc21.scrs.in/>
20. **Guran L.** *New fixed points results for cyclic operators on extended b -metric spaces with applications in fractional differential equations*, **22nd FAI International Conference on Mathematical, Computational Intelligence and Engineering Approaches to Health Care, Business and Tourism Analytics, 22nd FAI-ICMCIE 2020**, December 20-22, 2020.
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
<https://faterindia2020.wixsite.com/22fai-icmcie2020>
21. **Guran L.** *Fixed points results for cyclic operators on extended b -metric spaces with applications in fractional differential equations*, **3rd International Conference on Life and Engineering Sciences ICOLES-2020, Fenerbahçe University, İstanbul-TURKEY**, 11-13 December 2020.
http://www.icoles.net/?fbclid=IwAR0kG0Vqbd1pm4Qvzyl34w6hqumXd0OQV8PhUZeoBu6HN6_ut0-M5_j4Ngk
KEYNOTE SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
22. **Guran L., Bota M.F.** *Fixed points results and applications for cyclic operators on extended b -metric spaces*, **An International Webinar On number Theory: The Most Emerging Field in Modern Era** organised by Dept. Of Mathematics Rural Institute Of Higher Studies (Rihs), Bhograi, Balasore, Odisha, affiliated to F.M.University, Balasore, Odisha September, 29, 2020, India,

rihsbhograi.org/CMS/Notice/a1724e9a-4095-4787-8bdb-fcaaab6d8c30INTERNATIONAL%20MATHEMATICS%20WEBINAR.pdf

INVITED SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

23. **Guran L.**, Bota M.F. *New fixed points results and applications for cyclic operators on extended b-metric spaces*, **7th International Conference on Recent Advances in Pure and Applied Mathematics ICRAPAM 2020** in September, 25-28, 2020 at Goddess of Bodrum Isis Hotel in Bodrum/Mugla, Turkey, <https://2020.icrapam.org/invited.php>

PLENARY SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

24. **Guran L.**, Bota M.F. *New fixed points results and applications for cyclic operators on extended b-metric spaces*, One Week Online International Faculty Development Program on **Mathematical Prototypes and their Applications in Engineering and Science (MPAES-2020)**, Department of Engineering Mathematics and Humanities, Sagi Rama Krishnam Raju Engineering College, Bhimavaram, July 27- August 01, 2020. India,

INVITED SPEAKER.

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

25. **Guran L.**, Bota M.F. *New fixed points results and applications for cyclic operators on extended b-metric spaces*, International e-Conference on Nonlinear Analysis and its Applications, (e-ICNAA2020), Department of Mathematics, Dayanand Science College, Maharashtra, INDIA, July 27-29, 2020.

PLENARY SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

26. **Guran L.**, Bota M.F. *Fixed points and applications for cyclic operators on b-metric spaces*, **6th UMT International Conference on Pure and Applied Mathematics (6th UICPAM-2020)**, CMAP, University of Management and Technology, Lahore, Pakistan, February 21-23, 2020.

<https://cmap.umt.edu.pk/6thUICPAM2020/Invited-Speakers.aspx>

<https://www.thenews.com.pk/print/618222-international-conference-on-mathematics-inaugurated>

INVITED SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

27. **Guran L.**, Bota M.F. *Fixed points and applications for cyclic operators on b-metric spaces*, **5th International Conference on Pure and Applied Mathematics (ICPAM-2020)**, Department of Mathematics, University of Sargodha, Sargodha, Pakistan, February 22-25, 2020.

<http://icpam.uos.edu.pk/#speakers>

INVITED SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

28. **Guran L.** *Some fixed point theorems and applications to Ulam-Hyers stability on b-rectangular metric space*, **International Conference in Engineering, Mathematics and Computational Intelligence (ICEMCI2019)**, Jabalpur India, December 21-22, 2019.

<https://www.easychair.org/cfp/icemci19>

PLENARY SPEAKER

CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

29. **Guran L.**, Bota M.F. *Some fixed point theorems and applications to Ulam-Hyers stability on b-rectangular metric spaces* **1st UOL International Conference On**

- Mathematics (1st UOL ICM-2019)**, Lahore Pakistan, November 30-December 2, 2019.
<https://cma.uol.edu.pk/icm2019/speakers/#international-speakers>
- INVITED SPEAKER**
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
30. **Guran L.** *Seminar on “Fixed Point Result with Application in Complex Valued Metric Spaces”* UMT Lahore Pakistan, November 30, 2019.
<https://events.umt.edu.pk/#t=e&id=5647&sch=All>
- INVITED SPEAKER**
INTERNATIONAL EVENT
31. **Guran L.** Bota M.F., *Single-valued mappings and related fixed point result with application in complex valued metric spaces, One day International Workshop on Algebra, Analysis and their Applications*, Government College University, Lahore Pakistan, December 2, 2019.
<https://pisrt.org/events/>
- INVITED SPEAKER**
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
32. **Guran L.**, Bota M.F. *On some new multivalued results in the metric spaces of Perov's type, International Conference on Approximation Theory and its Application, Alexandru Lupaș, “Lucian Blaga” University of Sibiu, Sibiu, Romania, Octubre10-13, 2019.*
<http://site.conferences.ulbsibiu.ro/icata/participations.html>
- CONFERINȚĂ INTERNAȚIONALĂ**
33. **Guran L.**, Tișe I.C. *New fixed point theorems for generalized contractions on b-rectangular metric spaces*
16th International Conference on Applied Mathematics and Computer Science, Technical University of Cluj-Napoca, Cluj-Napoca, Romania, July 3-6, 2019.
<http://tucn.ro/angheluta2019/>
- CONFERINȚĂ INTERNAȚIONALĂ**
34. **Guran L.**, Bota M.F., Petrușel A. *New fixed point theorems on b-metric spaces with applications to coupled fixed point theory, 5th UMT International Conference on Pure and Applied Mathematics (5th UICPAM-2019)*, CMAP, University of Management and Technology, Lahore Pakistan, March 29-31, 2019.
<https://cmap.umt.edu.pk/5thUICPAM2019/Invited-Speakers.aspx>
https://www.facebook.com/watch/live/?v=387793555148193&ref=watch_permalink
- INVITED SPEAKER**
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
35. **Guran L.**, Bota M.F., Petrușel A. *Some fixed point theorems for generalized contractions on b-metric spaces, Garrison International Conference on Pure and Applied Mathematics (GICPAM-2019)*, Garrison University, Lahore Pakistan, April 1-3, 2019.
<lgu.edu.pk/assets/files/mathconference/Invited%20Speaker.pdf>
- INVITED SPEAKER**
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
36. **Guran L.** Bota M.F., *Some fixed point theorems on rectangular b-metric spaces with applications to coupled fixed point theory, International Symposium on Nonlinear Analysis*, Government College University, Lahore, Pakistan, April 03, 2019.
<https://www.facebook.com/mathatgcul/photos/451437082064688>
- INVITED SPEAKER**
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ

37. **Guran L.** *Some fixed points theorems in generalize metric space*, **10th FAI International Conference “Emerging trends in Computing Technology & Management” FAI India-February 7-9, 2019.**
PLENARY SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
38. 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*, **18th International Multidisciplinary Scientific GeoConference SGEM 2019**
CONFERINȚĂ INTERNAȚIONALĂ
39. 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*, **18th International Multidisciplinary Scientific GeoConference SGEM 2019**
CONFERINȚĂ INTERNAȚIONALĂ
40. **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/>
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
41. **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.umt.edu.pk/EventDetails.aspx?EID=4856#48>
<https://admin.umt.edu.pk/Media/Site/CMAP/SubSites/IWNAAP-2018/FileManager/Conference%20Program-IWNAAP-18.pdf>
INVITED SPEAKER
CONFERINȚĂ INTERNAȚIONALĂ INVITATĂ
42. **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>
CONFERINȚĂ INTERNAȚIONALĂ
43. 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.
CONFERINȚĂ INTERNAȚIONALĂ
44. 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.
CONFERINȚĂ INTERNAȚIONALĂ
45. 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 Babeş-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.

CONFERINȚĂ INTERNAȚIONALĂ

46. **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**, Babeş-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 14-17, 2015. **CONFERINȚĂ INTERNAȚIONALĂ**
47. **Guran L.** Gîrdu C. *Limbajul de programare în care a fost „scris” Universul*, **Simpozionul Internațional Education in Nowadays European Context**, ediția a VI-a, Târgu-Jiu, 2014. **SIMPOZION INTERNAȚIONAL**
48. Matei-Cernăianu A., **Guran L.**, Cernăianu N. *Flexible assessment of models based on neuro-fuzzy methods* **Conferința Internațională „Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Informatică, 2013. **CONFERINȚĂ INTERNAȚIONALĂ**
49. **Guran L.** *Steaua de la Bethlem între mit și astronomie*, **Simpozionul Național „Te uită cum ninge decembrie”**, ediția a I-a, Fărcășești, 2013. **SIMPOZION NAȚIONAL**
50. **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**, Babeş-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 9 - 15, 2012. **CONFERINȚĂ INTERNAȚIONALĂ**
51. **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**, Babeş-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania, July 9 - 15, 2012. **CONFERINȚĂ INTERNAȚIONALĂ**
52. Vătuiu T., **Guran L.** *Excel optimization tool: the solver*, **Conferința Internațională „Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 2012. **CONFERINȚĂ INTERNAȚIONALĂ**
53. **Guran L.** *Studiu matematic asupra fotometriei astronomice*, **Simpozionul Internațional Education in Nowadays European Context**, ediția a IV-a, Târgu-Jiu, 2012. **SIMPOZION INTERNAȚIONAL**
54. Neamțu I., Baranga L., Borcoși C., **Guran L.** *Characterization of tiles based on biding material mass*, **Conferința Internațională „Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 2011. **CONFERINȚĂ INTERNAȚIONALĂ**
55. **Guran L.** *Ulam-Hyers w-stability of fixed point equations for multivalued operators on KST spaces*, **International Conference on Nonlinear Operators, Differential Equations and Applications**, Universitatea Babeş-Bolyai, Facultatea de Matematică și Informatică, Cluj-Napoca, 5-8 iulie 2011. **CONFERINȚĂ INTERNAȚIONALĂ**

56. **Guran L.** *Ulam-Hyers w-stability of fixed point equations on KST spaces* la **7-th International Conference on Applied Mathematics**, Universitatea de Nord, Baia-Mare, 1-4 sept 2010.
CONFERINȚĂ INTERNAȚIONALĂ
57. Matei-Cernăianu A.,
Guran L. *Adoption decision support in use or replacement of means of transport using optimal control theory*, **Conferința Internațională „Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 2010.
CONFERINȚĂ INTERNAȚIONALĂ
58. Lupulescu G., **Guran L.**,
Catrina I. *Mathematical onsets concerning determination of the optimum capitalization*, **Quantitative Methods in Economics**, Universitatea Babeș-Bolyai, Facultatea de Științe Economice, Cluj-Napoca, 12-14 nov. 2010.
CONFERINȚĂ INTERNAȚIONALĂ
59. **Guran L.** *Existence and data dependence for multivalued weakly Reich-contractive operators* la **“Al. Myller” Mathematical Seminar Centennial Conference**, Universitatea Ghe. Asachi, Iași, 21-26 iunie 2010.
CONFERINȚĂ INTERNAȚIONALĂ
60. **Guran L** *Existence and data dependence for multivalued weakly contractive operators*, **7th Joint Conference on Mathematics and Computer Science**, Universitatea Babeș-Bolyai, Facultatea de Matematică și Informatică, Cluj-Napoca, 3-6 iulie 2008.
CONFERINȚĂ INTERNAȚIONALĂ
61. **Guran L.** *A multivalued Perov-type theorems in generalized metric spaces*, **6th International Conference on Applied Mathematics**, Universitatea de Nord, Baia-Mare, September 18-21, 2008.
CONFERINȚĂ INTERNAȚIONALĂ
62. **Guran L.** *Fixed points for singlevalued operators on a metric spaces with respect to w-distance*, **Conferința Științifică cu participare Internațională ECO-GORJ**, Universitatea Constantin Brâncuși, Târgu-Jiu, 1-2 iunie 2007.
CONFERINȚĂ INTERNAȚIONALĂ
63. **Guran L.** *Fixed points for single valued operators with respect to tau-distance*, **Conferința Internațională „Educație și Creativitate pentru o societate bazată pe cunoaștere”**, Universitatea Titu Maiorescu, București, Secțiunea Științe Economice, 2007.
CONFERINȚĂ INTERNAȚIONALĂ
64. **Guran L.** *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**, Universitatea Babeș-Bolyai, Cluj-Napoca, 4-8 iulie 2007.
CONFERINȚĂ INTERNAȚIONALĂ
65. **Guran L.** *Fixed points for multivalued operators with respect to a w-distance on a metric spaces* la **5-th International Conference on Applied Mathematics**, Universitatea de Nord, Baia-Mare, 21-24 sept 2006.
CONFERINȚĂ INTERNAȚIONALĂ

h) activitate editorială și de cercetare

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.

3. Member of Executive Council of FATER Academy of India.
<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://lgu.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=IwAR3zNa96L2LIZFvG90IOubfjZZ8cl7aF4iARVYxEvfaflM-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.
9. https://jspmbsiotr.edu.in/event_details.php?id=15
Member of International Coordinating Committee
22nd FAI- Springer - IMCIE-2020 - International Conference on Mathematical, Computational Intelligence, Engineering Approaches to HealthCare, Business and Tourism Analytics, FATER Academy of India si The American College, Madurai, Tamil Nadu ,India, 20-22 Decembrie 2020.
<https://faterindia2020.wixsite.com/22fai-icmcie2020>
10. Member of Editorial Board, Global Research and Development Journals,
<https://www.grdjournals.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, SocialSciences, 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 member of 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-Public Management and Administration at the Present Stage of State-Building, 21, 22 Octombrie 2021, 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.
<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-Hindawi 2021.
<https://www.hindawi.com/journals/jfs/si/695380/>
 17. Organizing Secretary and Member of International Coordination Committee
 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 2nd India, Ukraine, Brazil & Greater Mekong Sub region International Conference – 2021, Emerging trends in Management, Social Sciences, and Tourism, 2nd IUBGMS 2021, 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. Guest Editor-Special Issue “New Trends on Fixed Point Theory”-Fractal and Fractional (ISSN 2504-3110), MDPI 2022.
[https://www.mdpi.com/journal/fractalfract/special issues/new trends on fixed point theory](https://www.mdpi.com/journal/fractalfract/special%20issues/new%20trends%20on%20fixed%20point%20theory)
 21. Member of International Advisory Committee
 International Conference on Multidisciplinary Research Perspectives-2023 (ICMRP:23), 16th-17th February 2023. <http://bsssbhopal.edu.in/conference/advisory-board>

i) recenzor (reviewer)

1. Mathematics- revistă indexată WoS
2. Symmetry - revistă indexată WoS
3. British Journal of Mathematics and Computer Sciences- revistă indexată WoS
4. Fixed Point Theory and Applications- revistă indexată BDI
5. Transylvanian Journal of Mathematics and Mechanics revistă indexată BDI
6. Universal Journal of Mathematics and Applications- revistă indexată BDI
7. Asian Journal of Mathematics- revistă indexată BDI
8. Journal of Prime Research in Mathematics- revistă indexată BDI
9. Journal of Advances Mathematics and Computer Sciences- revistă indexată WoS
10. Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics- revistă indexată WoS