

## Lista lucrărilor publicate

**Candidat: Lector dr. Bota Monica-Felicia**

### a) Lista celor 10 lucrări relevante

1. <b>Monica-Felicia Bota,</b> Veronica Ilea	“ <i>Fixed point theorems for nonself operators in b-metric spaces</i> ”, Fixed Point Theory, 16(2015), No.2, 225-232.
2. <b>Monica-Felicia Bota,</b> Adrian Petrușel, Gabriela Petrușel and Bessem Samet	“ <i>Coupled fixed point theorems for single-valued operators in b-metric spaces</i> ”, Fixed Point Theory and Applications, 2015, 2015:231. doi:10.1186/s13663-015-0482-3.
3. <b>Monica-Felicia Bota,</b> Cristian Chifu, Erdal Karapinar	“ <i>Fixed point theorems for generalized (alpha*-Psi)-Ciric-type contractive multivalued operators in b-metric spaces</i> ”, Journal of Nonlinear Science and Application, 6(2016), 152-161.
4. <b>Bota Monica-Felicia</b>	“ <i>Fixed point theorems for operators with a contractive iterate in b-metric spaces</i> ”, Stud. Univ. Babeş-Bolyai, Mathematica 61 (4), 2016.
5. <b>Monica-Felicia Bota,</b> Veronica Ilea, Adrian Petrușel	“ <i>Krasnoselskii's theorem in generalized b-Banach spaces and applications</i> ”, Journal of Nonlinear and Convex Analysis 18 (4), 575-587, 2017.
6. <b>Monica-Felicia Bota,</b> Erdal Karapinar	„ <i>A Fixed Point Problem Under a Finite Number of Equality Constraints on b-Banach spaces</i> ”, Filomat, 33(18), 1-13, 2019
7. <b>Monica-Felicia Bota,</b> Liliana Guran, Naseem Asim	„ <i>Fixed Point Problems on Generalized Metric Spaces in Perov's Sense</i> ”, Symmetry, 18(856), 1-13, 2020
8. <b>Monica-Felicia Bota,</b> Liliana Guran, Adrian Petrusel	„ <i>New fixed point theorems on b-metric spaces with applications to coupled fixed point theory</i> ”, Journal of Fixed Point Theory and Applications, 22(74), 1-14, 2020.
9. <b>M. Bota, S. Micula</b>	„ <i>Ulam–Hyers Stability via Fixed Point Results for Special Contractions in b-Metric Spaces</i> ”, Symmetry, 14(11)(2022), 1-10
10. <b>M. Bota, L. Guran, G. Petrusel</b>	„ <i>Fixed points and coupled fixed points in b-metric spaces via graphical contractions</i> ”, Carpathian Journal of Mathematics, 39, 2023, 85-94.

### b) Teza de doctorat

Titlul: Aspecte dinamice in teoria operatorilor multivoci, sustinută public in 27.02.2009.

### c) Carti

Dynamical aspects in the theory of multivalued operators”, Presa Universitara Clujeana, 2010.

### d) Articole indexate WOS

Autor	Lucrarea	Factor impact WOS (2022)	Cuartila WOS(2022)
1. Boriceanu Monica-Felicia	“Krasnoselskii-type theorems for multivalued operators”, Fixed Point Theory, 9(2008), 35-45.	1,1	Q2
2. Petru Tunde Petra, Boriceanu Monica	“Fixed point results for generalized phi – contraction on a set with two metrics”, Topological Methods in Nonlinear Analysis, Vol.33, Nr. 2 (2009), 315-326;	0,7	Q3
3. Boriceanu Monica-Felicia	“Fixed point theory for multivalued generalized contraction on a set with two b-metrics”, Studia Mathematica, Univ. Babes-Bolyai, Vol. 54, Nr. 3 (2009), 3-14.	0,4	Q4
4. Boriceanu Monica-Felicia	“Fixed point theory on spaces with vector-valued b-metrics” Demonstratio Mathematica, 42-4 (2009), 825-835.	2	Q1
5. Boriceanu Monica, Bota Marius, Petrusel Adrian	“Multivalued fractals in b-metric spaces”, Central European Journal of Mathematics, vol 8, Nr. 2 (2010), 367-377.	0,489	
6. Bota-Boriceanu Monica, Petrusel Adrian	“Ulam-Hyers stability for operatorial equations”, Analele St. Univ. Iasi, Mat., Vol. LVII (2011), 65-74.		
7. Monica Bota, A. Molnar, Cs. Varga	“On Ekeland’s variational principle in b-metric spaces”, Fixed Point Theory, Vol. 12, Nr. 1 (2011), 21-28.	1,1	Q2
8. Hassen Aydi, Monica-Felicia Bota, Erdal Karapinar and , Sirous Moradi	“A common fixed point for weak phi-contractions on b-metric spaces”, Fixed Point Theory, Vol. 13(2012), No. 2, 337-346.	1,1	Q2

9. Hassen Aydi, <b>Monica-Felicia Bota</b> , Erdal Karapinar and Slobodanka Mitrović	<i>"A fixed point theorem for set-valued quasi-contractions in b-metric spaces"</i> , Fixed Point Theory and Applications, 2012, doi:10.1186/1687-1812-2012-88 .		
10. T.P. Petru, <b>M.-F. Bota</b> ,	<i>"Ulam-Hyers stability of operatorial inclusions in complete Gauge spaces"</i> , Fixed Point Theory, Vol. 13(2012), No. 2, 641-650	1,1	Q2
11. <b>M. F. Bota</b> , G. Petrusel, T.P. Petru	<i>"Ulam -Hyers stability in gauge spaces"</i> , Miskolc Mathematical Notes, Vol. 14 (2013), No. 1, 41–47.	0,9	Q2
12. Radu Petre, <b>M. F. Bota</b>	<i>"Fixed point theorems on generalized \$b\$-metric spaces"</i> , Publ. Math. Debrecen 83/1-2 (2013), 139–159 DOI: 10.5486/PMD.2013.5554	0,6	
13. <b>Monica-Felicia Bota</b> , Erdal Karapinar	<i>"A note on "Some results on multi-valued weakly Jungck mappings in b-metric space"</i> , Central European Journal of Mathematics, Vol. 11 Nr. 9 (2013), 1711-1712.	0,489	
14. <b>Monica-Felicia Bota</b> , Erdal Karapinar, Oana Mlesnite	<i>"Ulam-Hyers stability results for fixed point problems via alpha-psi-contractive mapping in b-metric space"</i> , Abstract and Applied Analysis, vol. 2013, Article ID 825293, 6 pages, 2013. doi:10.1155/2013/825293.		

15. Cristian Chifu, Gabriela Petrusel, <b>Monica-Felicia Bota</b>	<i>"Fixed points and strict fixed points for multivalued contractions of Reich type on metric spaces endowed with a graph"</i> , Fixed Point Theory and Applications, 2013:203 (29 July 2013)		
16. <b>Monica-Felicia Bota</b> , Veronica Ilea	<i>"Fixed point theorems for nonself operators in b-metric spaces"</i> , Fixed Point Theory, 16(2015), No.2, 225-232.	1,1	

17. <b>Monica-Felicia Bota</b> , Veronica Ilea, Erdal Karapinar, and Oana Mlesnite	“On alpha*-Psi-Contractive Multi-Valued Operators in b-Metric Spaces and Applications”, Appl. Math. Inf. Sci. 9, No. 5, 1-9 (2015).		
18. <b>Monica-Felicia Bota</b> , Adrian Petrușel, Gabriela Petrușel and Bessem Samet	“Coupled fixed point theorems for single-valued operators in b-metric spaces”, Fixed Point Theory and Applications, 2015, 2015:231. doi:10.1186/s13663-015-0482-3.		
19. <b>Monica-Felicia Bota</b> , Cristian Chifu, Erdal Karapinar	“Fixed point theorems for generalized (alpha*-Psi)-Ciric-type contractive multivalued operators in b-metric spaces”, Journal of Nonlinear Sciences and Application, 6(2016), 152-161.	1,34 (2016)	Q1
20. <b>Bota Monica-Felicia</b>	“Fixed point theorems for operators with a contractive iterate in b-metric spaces”, Stud. Univ. Babeş-Bolyai, Mathematica 61 (4), 2016.	0,4	Q4
21. <b>Monica-Felicia Bota</b> , Veronica Ilea, Adrian Petrușel	“Krasnoselskii's theorem in generalized b-Banach spaces and applications”, Journal of Nonlinear and Convex Analysis 18 (4), 575-587, 2017.	1,1	Q2
22. <b>Monica-Felicia Bota</b> , Erdal Karapinar	„A Fixed Point Problem Under a Finite Number of Equality Constraints on b-Banach spaces”, Filomat, 33(18), 1-13, 2019	0,8	Q3
23. <b>Monica-Felicia Bota</b> , Liliana Guran, Naseem Asim	„Fixed Point Problems on Generalized Metric Spaces in Perov's Sense”, Symmetry, 18(856), 1-13, 2020	2,7	Q2
24. Liliana Guran, <b>Monica-Felicia Bota</b> , Naseem Asim, Zoran Mitrovic, Manuel de la Sen, Stojan Radenovic	„On Some New Multivalued Results in the Metric Spaces of Perov's Type”, Mathematics, 8(3), 1-12, 2020	2,4	Q1
25. <b>Monica-Felicia Bota</b> , Liliana Guran, Adrian Petrusel	„New fixed point theorems on b-metric spaces with applications to coupled fixed point theory”, Journal of Fixed Point Theory and Applications, 22(74), 1-14, 2020.	1,8	Q1

26. <b>Monica-Felicia Bota</b> , Liliana Guran	„Existence of the Solutions of Nonlinear Fractional Differential Equations Using the Fixed Point Technique in Extended b-Metric Spaces”, Symmetry – Basel, 13(2), 158, 1-11, 2021.	2,7	Q2
27. F. Lael, N. Saleem, L. Guran, <b>Monica-Felicia Bota</b>	„Nadler’s Theorem on Incomplete Modular Space”, Mathematics, 9(16), 1-11, 2021.	2,4	Q1
28. MS. Aslam, <b>Monica-Felicia Bota</b> , SRC. Mohammad, L. Guran, N. Saleem	„Common Fixed Points Technique for Existence of a Solution of Urysohn Type Integral Equations System in Complex Valued b-metric Spaces”. Mathematics, 9, 1-18, 2021.	2,4	Q1
29. G. Mani, A. Gnanaprakasam, Z. Mitrović, <b>Monica-Felicia Bota</b>	„Solving an integral equation via fuzzy tripled controlled bipolar metric spaces”, 9(24), Mathematics, 2021	2,4	Q1
30. N. Saleem, U. Ishtiaq, L. Guran, <b>MF. Bota</b>	„On graphical Fuzzy metric spaces with applications to fractional differential equations”, Fractal and Fractional, 6(5), 2022.	5,4	Q1
31. <b>MF. Bota</b> , L. Guran	„Existence of the Solutions of Fractional Differential Equations Using the Fixed Point Technique in Extended b-Metric Spaces”, AIMS Mathematics, 7(1), 518-535, 2022.	2,2	Q1
32. M. Partohaghīhi, A. Akgül, L. Guran, <b>MF. Bota</b>	„Novel mathematical modelling of Platelet-Poor plasma arising in a blood coagulation system with a fractional Caputo-Fabrizio derivative”, Symmetry 14(6), 2022.	2,7	Q2
33. H. Hammad, <b>M. Bota</b> , L. Guran	„Wardowski’s contraction and fixed point technique for solving systems of functional and integral equations”, Journal of Function Spaces, 2021.	1,9	Q1
34. M. Nadeem, A. Akgul, L. Guran, <b>M.F. Bota</b>	„A Novel Approach for the Approximate Solution of Wave Problems in Multi-Dimensional Orders with Computational Applications”, Axioms, 11(2022), 1-14.	2	Q2
35. L. Guran, K Ahmad, K. Shabbir and <b>M.F. Bota</b>	„Computational comparative analysis of fixed point approximations of generalized $\alpha$ -nonexpansive mappings in	2,2	Q1

	hyperbolic spaces”, AIMS Mathematics, 8(2) 2022, 2489-2507.		
36. L. Guran, E. Akgül, A. Akgül and <b>M.F. Bota</b>	„Remarks on Fractal-Fractional Malkus Waterwheel Model with Computational Analysis”, Symmetry, 14(2022), 1-28	2,7	Q2
37. <b>M. Bota</b> , S. Micula	„Ulam–Hyers Stability via Fixed Point Results for Special Contractions in <i>b</i> -Metric Spaces” Symmetry, 14(11)(2022), 1-10	2,7	Q2
38. M. Haddadi, V. Parvaneh, <b>M. Bota</b>	“Further generalizations of the Ishikawa algorithm”, AIMS Mathematics, 8(5), 2023, 1-10.	2,2	Q1
39. <b>M. Bota</b> , L. Guran, G. Petrusel	„Fixed points and coupled fixed points in <i>b</i> -metric spaces via graphical contractions”, Carpathian Journal of Mathematics, 39, 2023, 85-94.	2,7	Q2
40. A. Beihenniche, <b>M. Bota</b> , L. Guran	“A new approach of overlapping generation model via fixed point technique” AIMS Mathematics, 9(1), 2023, 1166-1179.	2,2	Q1
41. Guran L. Shabbir K., Ahmad, K., <b>Bota M.F.</b>	„Stability, Data Dependence, and Convergence Results with Computational Engendering of Fractals via Jungck-DK Iterative Scheme”, Fractal and Fractional, 7(6), 2023.	5,4	Q1

### e) Articole indexate BDI

1. <b>Boriceanu Monica-Felicia</b>	“Strict fixed point theorems and applications”, Pure Math. And Applications, 17(2006), No. 3-4, 241-249.
2. Bota Marius, <b>Boriceanu Monica-Felicia</b> , Cosma Smaranda	“The segmentation of the Romanian clothing market”, Analele Universitatii din Oradea, Stiinte Economice, 17(2008), 740-746.
3. Bota Marius, <b>Boriceanu Monica-Felicia</b> , Cosma Smaranda	“The relation between the Romanian customer's income and the demand on clothes”, International Journal of Business Research, 79-85.
4. <b>Boriceanu Monica-Felicia</b>	“Strict Fixed Point Theorems and Application to the Existance of Pareto Optima”, Journal of Applied Mathematics, 1(2008), 117-125.

<b>5. Boriceanu Monica-Felicia</b>	<i>“Integral inclusions through metrical fixed point theorems for phi-contractions”, Mathematica, Vol. 51, Nr. 1 (2009), 39-46.</i>
<b>6. Boriceanu Monica-Felicia</b>	<i>“Strict fixed point theorems for multivalued operators in b-metric spaces”, IJMM, Vol. 4, Nr.3 (2009), 285-301.</i>
<b>7. Boriceanu Monica-Felicia</b>	<i>“Fixed point theory for multivalued contraction on a set with two b-metrics”, Creative Mathematics and Informatics, Vol. 17, Nr. 3 (2008), 326-332;</i>
<b>8. Boriceanu Monica-Felicia, Petrușel Adrian, I.A. Rus</b>	<i>“Fixed point theorems for some multivalued generalized contractions in b-metric space”, International Journal of Mathematics and Statistics, Nr. 6 (2010), 65-76.</i>
<b>9. Safia Bazine, Bota Monica-Felicia</b>	<i>“A generalization of Hardy-Rogers theorem in generalized b-metric spaces”, Nonlinear Studies, Vol.23, Nr. 3, 2016</i>
<b>10. Ebrahim Analouei Adeagani, Monica-Felicia Bota</b>	<i>„Coupled Coincidence Point Results for Mappings Without Mixed Monotone Property in Partially OrderedG-Metric Spaces”, Mathematical Analysis and Convex Optimization, 1(1), 93-106, 2020.</i>