

Articole publicate de absolvenți

2025

1. A. Bejenaru, **C. Călineață**, C. Ciobănescu, M. Postolache, Qualitative study of a three-step iteration procedure in W-hyperbolic spaces, J. Appl. Math. Computing, 2025, WOS:001470067300001
2. V. Catană, **H-G. Georgescu**, Some Properties of Minimal and Maximal Operators in an Abstract Framework, U.P.B. Sci. Bull., Series A, Vol. 87, 2025, 29-40, WOS:001444358700003
3. **C. Călineață**, T. Țurcanu, A new approach to averaged mappings in CAT(0) spaces, J. Nonlinear Convex Anal., 26, 2025, 155-168, WOS:001471358100012

2024

1. **R. Abdullah**, I. Badralexi, A. Halanay, Stability analysis in a mathematical model for allergic reactions, Axioms, 13, 2024, Art. No. 102, WOS:001172318000001
2. **R. Abdullah**, I. Badralexi, L. Fakih, A. Halanay, Mathematical modeling of immune dynamics in chronic myeloid leukemia therapy: unraveling allergic reactions and T cell subset modulation by imatinib, Axioms, 17, 2024, Art. No. 446, WOS:001276717300001
3. **D. Dumitrescu**, A. Pitea, Convex contractive mappings in generalized metric spaces, U. Politeh. Buch. Ser. A, 86, 2024, 109-122, WOS:001247266400009
4. V. Catană, **H-G. Georgescu**, I-M. Flondor, On a Generalized Class of Nonlinear Equations Defined by Elliptic Symbols, Bull. Malays. Math. Sci. Soc. 47, 2024, WOS:001228655100001
5. **C.-D. Neacșu**, Mixed 3-Sasakian statistical manifolds and statistical submersions. In: Rovenski, V., Walczak, P., Wolak, R. (eds) Differential Geometric Structures and Applications. Springer Proceedings in Mathematics & Statistics, vol. 440, Chapter 5, 89-115, Springer, Cham (2024). Mathscinet, Zentralblatt
6. **C.-D. Neacșu**, On the stability of T-space forms, J. Geom. Phys., 199, 2024, 105162. WOS:001221865500001
7. **C.-D. Neacșu**, N.B. Turki, G.-E. Vilcu, Classification of quasi-product production models with minimal isoquants, Math. Methods Appl. Sci., 47, 2024, 7532-7545. WOS:001171156500001
8. **C.-D. Neacșu**, On the stability of the quaternion projective space, Reports on Math. Phys., 94, 2024, 395-404, WOS:001394675200001
9. **C.-D. Neacșu**, G.-E. Vilcu, On the stability of generalized S-space forms with two structure vector fields, Facta Universitatis, 39, 2024, 785-798, WOS:001380786300003
10. V. Catană, **I.M. Flondor**, **M.G. Scumpu**, α -Windowed Fourier transform (α -WFT), J. Pseudo-Differ. Oper. Appl., 15, 2024, WOS:001325065000001
11. V. Catană, **I.M. Flondor**, **M.G. Scumpu**, Localization operators related to α -windowed Fourier transform, U. Politeh. Buch. Ser. A, 86, 2024, 11-22, WOS:001380845400002

2023

1. **R. Abdullah**, I. Badralexi, A. Halanay, Stability analysis in a new model for allergic reactions induced by chemotherapy of chronic lymphocytic leukemia, *Mathematics*, 11, 2023, Art. No. 3225, WOS:001036714800001
2. **R. Abdullah, K. Amin**, A. Halanay, R. Mghames, Partial stability in a model for allergic reactions induced by chemotherapy of acute lymphoblastic leukemia, *Ann. Acad. Rom. Sci. Ser. Math. Appl.*, 15, No. 1-2, 2023.
3. **K. Amin**, A. Halanay, R. Mghames, **R. Abdullah**, A delay differential equation model for cell evolution in chikungunya, *U. Politeh. Buch. Ser. A*, 85, 2023, 95-106, WOS:000956056600010
4. **C. Călineață**, C. Ciobănescu, T. Țurcanu, Common fixed point of two L2 operators with convergence analysis and application, *Mathematics* 11, 2023, Art. No. 577, WOS:000932912400001
5. **C. Călineață**, T. Țurcanu, On fixed proximal pairs of Er-mappings, *AIMS Mathematics*, 8, 2023, 26632-26649, WOS:001074270700003
6. **D. Dumitrescu**, Geraghty-type contractions in Jleli-Samet generalized metric spaces, *J. Nonlinear Convex Anal.*, 24, 2023, 1005-1020, WOS:001037644700006
7. **D. Dumitrescu**, A. Pitea, Fixed point theorems for (α, ψ) -rational type contractions in Jleli-Samet generalized metric spaces, *AIMS Mathematics*, 8, 2023, 16599-16617, WOS:000994201000003
8. V. Catană, **I-M. Flondor, H-G. Georgescu**, Generalized Fourier multipliers, *Ann. Funct. Anal.* 14, 2023, WOS:000923795400002
9. M. Cimpoeaş, **A. Neacșu**, Geometrical isomorphisms between categories of fuzzy coverings and fuzzy partitions, *Fuzzy Sets Syst.*, Art. No. 108493, 2023, WOS:001010854700001
10. **A. Neacșu**, Several types of fuzzy coverings, *U. Politeh. Buch. Ser. A*, 85, 2023, 19-28, WOS:001052963400003
11. M. Aquib, M.S. Lone, **C.-D. Neacșu**, G.-E. Vîlcu, On d-Casorati curvature invariants of Lagrangian submanifolds in quaternionic Kaehler manifolds of constant q-sectional curvature, *Rev. Real Acad. Cienc. Exactas Fis. Nat. Ser. A-Mat.*, 117, 2023, 107, WOS:000978346500001
12. **C-D. Neacșu**, On some optimal inequalities for statistical submanifolds of statistical space forms, *U. Politeh. Buch. Ser. A*, 85, 2023, 107-118, WOS:000956056600011
13. V. Catană, **M.G. Scumpu**, Localization operators and wavelet multipliers involving two-dimensional linear canonical curvelet transform. *J. Pseudo-Differ. Oper. Appl.*, 14, 2023, WOS:001035772300001
14. A. Mihail, **I. Savu**, Varphi-contractive orbital affine iterated function systems, *U. Politeh. Buch. Sci. Bull. Ser. A*, 85, 2023, 13-24, WOS:000956056600000
15. A. Mihail, **I. Savu**, On the connectedness of attractors of orbital contractive IFSs, *Topology Appl.*, 326, 2023, Paper No. 108412, WOS:000923730100000

2022

1. **C. Călineață**, C. Ciobănescu, Convergence theorems for operators with condition (E) in hyperbolic spaces, *U. Politeh. Buch. Ser. A*, 84, 2022, 9-18, WOS:000897652500002
2. A. Bejenaru, **C. Ciobănescu**, Common fixed points of operators with property (E) in CAT(0) spaces, *Mathematics*, 10, 2022, 433, WOS: 000757978400001

3. A. Bejenaru, **C. Ciobănescu**, New partially projective algorithm for split feasibility problem with application to BVP, J. Nonlinear Convex Anal., 23, 2022, 485-500, WOS: 000796243200006
4. **D. Dumitrescu**, Weakly contractive operators in Jleli-Samet generalized metric spaces, U. Politeh. Buch. Ser. A, 84, 2022, 33-40, WOS:000897652500004
5. **D. Dumitrescu**, A. Pitea, Fixed point theorems on almost (φ, θ) -contractions in Jleli-Samet generalized metric spaces, Mathematics, 10, 2022, Art. No. 4239, WOS:000797802300001
6. V. Catană, **H-G. Georgescu**, Essential spectra and semigroups of perturbations of generalized SG-hypoelliptic pseudo-differential operators on $L_p(\mathbb{R}^n)$, J. Pseudo- Differ. Oper. Appl. 13, 2022, WOS:000799374100001
7. **A. Neacșu**, On the category of fuzzy tolerance relations and related topics, U. Politeh. Buch. Ser. A, 84, 2022, 109-122, WOS:000897652500011
8. R. Miculescu, A. Mihail, **I. Savu**, A characterization of the fuzzy fractals generated by an orbital fuzzy iterated function system, Carpathian J. Math., 38, 2022, 583-595, WOS:000837106900000

2021

1. **K. Amin**, I. Badralexi, A. Halanay, R. Mghames, A stability theorem for equilibria of delay differential equations in a critical case with application to a model of cell evolution, Math. Model. Nat. Phenom. 16, 2021, WOS:000658473300001
2. **K. Amin**, A. Halanay, I. Rădulescu, M. Ungureanu, A model for cell evolution in malaria under treatment considering the action of the immune system, U. Politeh. Buch. Ser. A, 83, 2021, 171-188, WOS:000691789100014
3. **C. Ciobănescu**, M. Postolache, Nonspreading mappings on modular vector spaces, U. Politeh. Buch. Ser. A, 83, 2021, 3-12, WOS: 000731398600001
4. **A. Neacșu**, On the category of fuzzy covering and related topics, U. Politeh. Buch. Ser. A, 83, 2021, 203-214, 203-214, WOS:000664302900019

2020

1. **C. Ciobănescu**, T. Țurcanu, On iteration S_n for operators with condition (D), Symmetry-Basel, 12, 2020, 1676-1691, WOS: 000585440300001