

# Curriculum Vitae

Prof. Dr. habil. Mihai POSTOLACHE,  
Department of Mathematics & Informatics\*  
University "Politehnica" of Bucharest  
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## 1 Highest Education

- Habilitation (Mathematics), University Politehnica of Bucharest, 2013.
- Ph.D. (Mathematics), University Babeș-Bolyai of Cluj-Napoca, 1992.
- B.A. (Computer Science), University Politehnica of Bucharest, June 1988.
- B.A. (Mathematics), University "Al. I. Cuza" in Iași, June 1979.

## 2 Professional Experience and Jobs

- Senior Researcher, Romanian Academy, Gh. Mihoc-C. Iacob Institute of Mathematical Statistics and Applied Mathematics, February 2018 to present.
- Visiting Chair Professor, Center for General Education, China Medical University, Taichung 40402, Taiwan, November 2016 to present.
- Full Professor, Department of Mathematics I, University Politehnica of Bucharest, 2001 to present.
- Associate Professor, Department of Mathematics I, University Politehnica of Bucharest (1997 - 2001).
- Lecturer, Department of Mathematics I, University Politehnica of Bucharest (1993 - 1997).
- Assistant Professor, Department of Mathematics I, University Politehnica of Bucharest (1990 - 1993).
- Mathematician (research), Institute for Power Studies and Design, Bucharest (1979 - 1990).

## 3 Scientometric Data

- H-index in Web of Science = 27;
- Citations in Web of Science: 1543 [without self-citations (11.74%)];
- Average citations per item in Web of Science: 15.75.

## 4 Profile Addresses

- ResearcherID: P-7611-2015
- ORCID Number: <http://orcid.org/0000-0003-0738-787X>
- Scopus Author ID: 14006820500

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\*Permanent address.

## 5 Honors and Awards

- Highly Cited Researcher (2017), Thomson Reuters (Clarivate Analytics);
- Highly Cited Researcher (2016), Thomson Reuters (Clarivate Analytics);
- Japan Society for the Promotion of Science (1996); March 28 - June 26; Dynamical Systems.

## 6 Managerial and Administrative Employment

- Head, Department of Mathematics and Informatics, University Politehnica of Bucharest, March 2012 to present.
- Member of the Senate of the University Politehnica of Bucharest, March 2012 to present.
- Member of the Faculty of Applied Sciences Council at University Politehnica of Bucharest, March 2008 to present.

## 7 Teaching Experience

- Numerical Analysis (one semester lecture),
- Differential Equations (one semester lecture),
- Mathematical Analysis (one year lecture),
- Numerical Methods and Mathematical Statistics (one semester lecture),
- Probabilities and Statistics (one semester lecture),
- Numerical Modeling and Geometric Integrators (one year lecture).

## 8 Research Directions

- Nonexpansive mappings, and their generalizations (47H09)
- Accretive operators, dissipative operators, etc. (47H06)
- Equations involving nonlinear operators (47J05)
- Methods for solving nonlinear operator equations (47J25)
- Equations with nonlinear operators (65J15)
- Fixed-point theorems (47H10); Fixed-point and coincidence theorems (54H25)
- Monotone operators (with respect to duality) (47H05); Set-valued operators (47H04)
- Convexities, generalizations (26B25); Pareto optimality, etc., applications to economics (58E17)
- Optimization and variational techniques (65K10); Multi-objective and goal programming (90C29)
- Minimax problems (49J35); Nonlinear programming (90C30); Computational methods (93B40)

## 9 PhD Theses Completed

- (2020): Fixed Point Results in Modular Spaces.
- (2019): Fixed Point, Best Proximity Point and Numerical Reckoning.
- (2018): Iteration Theory, Continuous Optimization and non-Newtonian Calculus.
- (2018): Results in Fixed Point Theory and Iteration Processes with Applications.
- (2015): Fixed Points for Classes of Nonlinear Operators.

## 10 External Examiner

- Aligarh Muslim University, Aligarh;
- Government College University, Faisalabad (GCUF);

- COMSATS Institute of Information Technology, Islamabad;
- Lahore University of Management Science, Lahore;
- International Islamic University, Islamabad;
- Indian Institute of Engineering Science and Technology, Shibpur;
- Botswana University, Gaborone;
- University Transilvania of Braşov;
- Technical University of Civil Engineering of Bucharest;
- "Gheorghe Mihoc-Caius Iacob" Institute of Romanian Academy;
- Politehnica University Timisoara;
- Technical University of Cluj-Napoca.

## 11 Assessment of Projects

- (2018) Innovation fund (Republic of Serbia): MINI GRANTS Program (six projects).
- (2017) Innovation fund (Republic of Serbia): MINI GRANTS Program (eight projects) & MATCHING GRANTS Program (eight projects).

## 12 Publications

### 12.1 Recent Published Articles (Selective)

1. Dadashi, V, Postolache, M: Forward-backward splitting algorithm for fixed point problems and zeros of the sum of monotone operators. *Arab. J. Math.* **9**(2020), No. 1, 89-99.
2. Yao, Y, Postolache, M, Zhu, Z: Gradient methods with selection technique for the multiple-sets split feasibility problem. *Optimization* **69**(2020), No. 2, 269-281.
3. Bejenaru, A, Postolache, M: On Suzuki mappings in modular spaces. *Symmetry-Basel* **11**(2019), No. 3, Art. No. 319.
4. Yao, Y, Liou, YC, Postolache, M: Self-adaptive algorithms for the split problem of the demicontractive operators. *Optimization* **67**(2018), No. 9, 1309-1319.
5. Nazam, M, Arshad, M, Postolache, M: Coincidence and common fixed point theorems for four maps satisfying  $(\alpha_s, \mathbf{F})$ -contractions. *Nonlinear Anal. Modelling Control* **23**(2018), No. 5, 664-690.
6. Dadashi, V, Postolache, M: Hybrid proximal point algorithm and applications to equilibrium problems and convex programming. *J. Optim. Theory Appl.* **174**(2017), No. 2, 518-529.
7. Ali, MU, Kamran, T, Postolache, M: Solution of Volterra integral inclusion in  $b$ -metric spaces via new fixed point theorem. *Nonlinear Anal. Modelling Control* **22**(2017), No. 1, 17-30.
8. Yao, Y, Leng, L, Postolache, M, Zheng, X: Mann-type iteration method for solving the split common fixed point problem. *J. Nonlinear Convex Anal.* **18**(2017), No. 5, 875-882.
9. Yao, Y, Postolache, M, Liou, YC, Yao, Z: Construction algorithms for a class of monotone variational inequalities. *Optim. Lett.* **10**(2016), No. 7, 1519-1528.
10. Thakur, BS, Thakur, D, Postolache, M: A new iterative scheme for numerical reckoning fixed points of Suzuki's generalized nonexpansive mappings. *Appl. Math. Comput.* **275**(2016), 147-155.
11. Saluja, GS, Postolache, M, Kurdi, A: Convergence of three-step iterations for nearly asymptotically nonexpansive mappings in  $CAT(k)$  spaces. *J. Inequal. Appl.* **2015**, Art. No. 156 (2015).

12. Dewangan, R, Thakur, BS, Postolache, M: Strong convergence of asymptotically pseudocontractive semigroup by viscosity iteration. *Appl. Math. Comput.* **248**(2014), 160-168.
13. Thakur, BS, Thakur, D, Postolache, M: New iteration scheme for numerical reckoning fixed points of nonexpansive mappings. *J. Inequal. Appl.* **2014**, Art. No. 328 (2014).
14. Thakur, BS, Dewangan, R, Postolache, M: Strong convergence of new iteration process for a strongly continuous semigroup of asymptotically pseudocontractive mappings. *Numer. Funct. Anal. Optim.* **34**(2013), No. 12, 1418-1431.
15. Aydi, H, Postolache, M, Shatanawi, W: Coupled fixed point results for  $(\psi, \phi)$ -weakly contractive mappings in ordered  $G$ -metric spaces. *Comput. Math. Appl.* **63**(2012), No. 1, 298-309.
16. Yao, Y, Postolache, M: Iterative methods for pseudomonotone variational inequalities and fixed point problems. *J. Optim. Theory Appl.* **155**(2012), No. 1, 273-287.
17. Pitea, A, Postolache, M: Duality theorems for a new class of multitime multiobjective variational problems. *J. Glob. Optim.* **54**(2012), No. 1, 47-58.
18. Pitea, A, Postolache, M: Minimization of vectors of curvilinear functionals on the second order jet bundle. Necessary conditions. *Optim. Lett.* **6**(2012), No. 3, 459-470.
19. Pitea, A, Postolache, M: Minimization of vectors of curvilinear functionals on the second order jet bundle. Sufficient efficiency conditions. *Optim. Lett.* **6**(2012), No. 8, 1657-1669.
20. Olatinwo, MO, Postolache, M: Stability results for Jungck-type iterative processes in convex metric spaces. *Appl. Math. Comput.* **218**(2012), No. 12, 6727-6732.

## 12.2 Published Books (Selective)

1. Postolache, M: *Mathematical Analysis (Theory and Applications) (FIFTH EDITION)*, Fair Partners, Bucharest, 2014 (Romanian).
2. Bercu, G, Matsuyama Y, Postolache, M: *Hessian Metrics and Ricci Solitons*, Fair Partners, Bucharest, 2011.
3. Țevy, I, Postolache, M: *Riemannian Integral. Theory and Applications*, Fair Partners, Bucharest, 2005 (Romanian).
4. Udriște, C, Postolache, M: *Atlas of Magnetic Geometric Dynamics*, Geometry Balkan Press, Bucharest, 2001.
5. Udriște, C, Postolache, M: *Magnetic Fields Generated by Piecewise Rectilinear Circuits*, Geometry Balkan Press, Bucharest, 1999.

## 12.3 Guest Editor to ISI Journals

1. *Advance in Nonlinear Analysis and Optimization*. Symmetry-Basel.
2. *Nonlinear Optimization, Variational Inequalities and Equilibrium problems*. Mathematics.
3. *Fixed Point, Optimization, and Applications*. Mathematics (with Yao, J-C, and Yao, YH).
4. *Recent Advances in Fixed Point Theory for Set Valued Operators with Related Applications*. *Commun. Math. Appl.* (with Ali, MU, Altun, I, and Kamran, T).

## 13 Lectures and Visits

### 13.1 Kenote/Invited Speaker

1. Iteration processes for Suzuki operators, China Medical University of Taichung, May 2019.
2. On multi-step iteration processes, China Medical University of Taichung, May 2018.
3. A pleading for numerical reckoning fixed points of some classes of nonlinear operators, Government College University of Lahore, November 2017.
4. On recent iteration processes for numerical reckoning fixed points of nonlinear operators, China Medical University of Taichung, May 2017.

### 13.2 Invited Lectures

1. Iteration processes for nonlinear operators with application to image encoding. North Minzu University, China, June 2019.
2. Advances on Hessian structures and Ricci solitons, Chuo University of Tokyo, May 2011.
3. Integrator for Lagrangian dynamics, University of Thessaloniki, June 2001.
4. On  $h$ -paths in General Relativity, University of Athens, August 1997.
5. On the image encoding with random transformations, Shonan Institute of Technology, May 10, 1996 and Hokkaido Tokai University, May 31, 1996.
6. On a chaos for a magnetic dynamical system, University of Tsukuba, Institute of Information Sciences, October 13, 1995.
7. On the iteration of rational mappings from the viewpoint of fractal aspects, Shonan Institute of Technology, November 7, 1995.
8. Romanian special education, Fukushima University, October 1995.
9. University education in Romania, Chiba Institute of Technology, 1995 and 1996.

### 13.3 Visiting Professor

1. China Medical University of Taichung, November 2016 - present.
2. North Minzu University of Yinchuan, June 2019; one week.
3. Chuo University of Tokyo, May 2011; three weeks.
4. Aristotle University of Thessaloniki, June 2001; two weeks.
5. Hokkaido Tokai University, 27 May 1996-3 June 1996.
6. Tsukuba University, 14 September 1995-20 November 1995.

## 14 Professional Service

### 14.1 Member of Managerial Boards

1. Fair Partners Society for the Promotion of Science; President: since 1998.
2. Balkan Society of Geometers; Vice president: 2000-2004; 2008-present.

## 14.2 Editorial Work

1. Member of Editorial Board: Symmetry - Basel (SCIE).
2. Member of Editorial Board: Mathematics-MDPI (SCIE).
3. Member of Editorial Board: U Politeh Buch Ser A (SCIE).
4. Member of Editorial Committee: J Math Anal (SCIE).
5. Associate Editor: Series "BSG Proceedings", Geometry Balkan Press (No. 3, No. 4 and No. 5).
6. Editor in Chief: Series "Handbooks. Treatises. Monographs", Fair Partners Publishers.

## 15 Scientific Referee

Acta Mathematica Scientia; Analysis and Mathematical Physics; Applied Mathematics Letters; Applied Mathematics and Computation; Applied Numerical Mathematics; Arabian Journal of Mathematics; Axioms; Carpathian Journal of Mathematics; Central European Journal of Mathematics; Demonstratio Mathematica; Filomat; Fixed Point Theory; Fixed Point Theory and Applications; Journal of Inequalities and Applications; Journal of Inequalities and Special Functions; Journal of King Saud University; Journal of Mathematical Analysis; Journal of Nonlinear Functional Analysis; Mathematica Bohemica; Mathematics; Neural Computing and Applications; Nonlinear Analysis Modeling and Control; Numerical Algorithms; Numerical Functional Analysis and Optimization; Optimization; Optimization Letters; Optimal Control, Applications and Methods; Quaestiones Mathematicae; Scientific Bulletin UPB, Series A: Applied Mathematics and Physics; Symmetry-Basel; Transactions of A. Razmadze Mathematical Institute; Turkish Journal of Mathematics; Vietnam Journal of Mathematics; Abstract and Applied Analysis; Analele Universității "Al. I. Cuza" din Iași; Analele Universității București; Annales Mathematicae Silesianae; Balkan Journal of Geometry and Its Applications; Journal of Advanced Mathematical Studies; Journal of Nonlinear Sciences and Applications.

Prof. Dr. habil. Mihai Postolache

Date: June 15, 2020

# List of Publications

Prof. Dr. habil. Mihai POSTOLACHE,  
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## 1. Top 25 ISI Journal Publications

1. Bejenaru, A, Postolache, M: Generalized Suzuki-type mappings in modular vector spaces. Optimization DOI:10.1080/02331934.2019.1647202
2. Dadashi, V, Postolache, M: Forward-backward splitting algorithm for fixed point problems and zeros of the sum of monotone operators. Arab. J. Math. **9**(2020), No. 1, 89-99.
3. Yao, Y, Postolache, M, Zhu, Z: Gradient methods with selection technique for the multiple-sets split feasibility problem. Optimization **69**(2020), No. 2, 269-281.
4. Bejenaru, A, Postolache, M: On Suzuki mappings in modular spaces. Symmetry-Basel **11**(2019), No. 3, Art. No. 319.
5. Yao, Y, Postolache, M, Yao, JC: An iterative algorithm for solving generalized variational inequalities and fixed points problems. Mathematics **7**(2019), No. 1, Art. No. 61.
6. Yao, Y, Liou, YC, Postolache, M: Self-adaptive algorithms for the split problem of the demicontractive operators. Optimization **67**(2018), No. 9, 1309-1319.
7. Nazam, M, Arshad, M, Postolache, M: Coincidence and common fixed point theorems for four maps satisfying  $(\alpha_s, \mathbf{F})$ -contractions. Nonlinear Anal. Modelling Control **23**(2018), 664-690.
8. Dadashi, V, Postolache, M: Hybrid proximal point algorithm and applications to equilibrium problems and convex programming. J. Optim. Theory Appl. **174**(2017), No. 2, 518-529.
9. Ali, MU, Kamran, T, Postolache, M: Solution of Volterra integral inclusion in  $b$ -metric spaces via new fixed point theorem. Nonlinear Anal. Modelling Control **22**(2017), No. 1, 17-30.
10. Yao, Y, Leng, L, Postolache, M, Zheng, X: Mann-type iteration method for solving the split common fixed point problem. J. Nonlinear Convex Anal. **18**(2017), No. 5, 875-882.
11. Yao, Y, Postolache, M, Liou, YC, Yao, Z: Construction algorithms for a class of monotone variational inequalities. Optim. Lett. **10**(2016), No. 7, 1519-1528.
12. Thakur, BS, Thakur, D, Postolache, M: A new iterative scheme for numerical reckoning fixed points of Suzuki's generalized nonexpansive mappings. Appl. Math. Comput. **275**(2016), 147-155.
13. Thakur, BS, Dewangan, R, Postolache, M: New iteration process for pseudocontractive mappings with convergence analysis. Fixed Point Theory Appl. **2015**, Art. No. 55 (2015).
14. Dewangan, R, Thakur, BS, Postolache, M: Strong convergence of asymptotically pseudocontractive semigroup by viscosity iteration. Appl. Math. Comput. **248**(2014), 160-168.
15. Thakur, BS, Thakur, D, Postolache, M: New iteration scheme for numerical reckoning fixed points of nonexpansive mappings. J. Inequal. Appl. **2014**, Art. No. 328 (2014).

16. Thakur, BS, Dewangan, R, Postolache, M: Strong convergence of new iteration process for a strongly continuous semigroup of asymptotically pseudocontractive mappings. *Numer. Funct. Anal. Optim.* **34**(2013), No. 12, 1418-1431.
17. Miandaragh, MA, Postolache, M, Rezapour, Sh: Approximate fixed points of generalized convex contractions. *Fixed Point Theory Appl.* **2013**, Art. No. 255 (2013).
18. Yao, Y, Postolache, M, Liou, YC: Coupling Ishikawa algorithms with hybrid techniques for pseudocontractive mappings. *Fixed Point Theory Appl.* **2013**, Art. No. 211 (2013).
19. Yao, Y, Postolache, M, Liou, YC: Strong convergence of a self-adaptive method for the split feasibility problem. *Fixed Point Theory Appl.* **2013**, Art. No. 201 (2013).
20. Aydi, H, Postolache, M, Shatanawi, W: Coupled fixed point results for  $(\psi, \phi)$ -weakly contractive mappings in ordered  $G$ -metric spaces. *Comput. Math. Appl.* **63**(2012), No. 1, 298-309.
21. Yao, Y, Postolache, M: Iterative methods for pseudomonotone variational inequalities and fixed point problems. *J. Optim. Theory Appl.* **155**(2012), No. 1, 273-287.
22. Pitea, A, Postolache, M: Duality theorems for a new class of multitime multiobjective variational problems. *J. Glob. Optim.* **54**(2012), No. 1, 47-58.
23. Pitea, A, Postolache, M: Minimization of vectors of curvilinear functionals on the second order jet bundle. Necessary conditions. *Optim. Lett.* **6**(2012), No. 3, 459-470.
24. Pitea, A, Postolache, M: Minimization of vectors of curvilinear functionals on the second order jet bundle. Sufficient efficiency conditions. *Optim. Lett.* **6**(2012), No. 8, 1657-1669.
25. Olatinwo, MO, Postolache, M: Stability results for Jungck-type iterative processes in convex metric spaces. *Appl. Math. Comput.* **218**(2012), No. 12, 6727-6732.

## 2. Other ISI Journal Publications

1. Chen, J, Postolache, M, Yao, Y:  $S$ -subgradient projection methods with  $S$ -subdifferential functions for nonconvex split feasibility problems. *Symmetry-Basel* **11**(2019), No. 12, Art. No. 1517.
2. Uşurelu, GI, Postolache, M: Convergence analysis for a three-step Thakur iteration for Suzuki-type nonexpansive mappings with visualization. *Symmetry-Basel* **11**(2019), No. 12, Art. No. 1441.
3. Zhu, Z, Yao, Y, Postolache, M: Globally convergent method for designing twice spline contractual function. *J. Inequal. Appl.* **2019**, Art. No. 283 (2019).
4. Ceng, LC, Postolache, M, Yao, Y: Iterative algorithms for a system of variational inclusions in Banach spaces. *Symmetry-Basel* **11**(2019), No. 6, Art. No. 811.
5. Nandal, A, Chugh, R, Postolache, M: Iteration process for fixed point problems and zeros of maximal monotone operators. *Symmetry-Basel* **11**(2019), No. 5, Art. No. 655.
6. Jagannadha Rao, GVV, Padhan, SK, Postolache, M: Application of fixed point results on rational  $F$ -contraction mappings to solve boundary value problems. *Symmetry-Basel* **11**(2019), No. 1, Art. No. 70.
7. Yao, Y, Postolache, M, Yao, JC: Iterative algorithms for pseudomonotone variational inequalities and fixed point problems of pseudocontractive operators. *Mathematics* **7**(2019), No. 12, Art. No. 1189.
8. Mohsen, B, Noor, MA, Noor, KI, Postolache, M: Strongly convex functions of higher order involving bifunction. *Mathematics* **7**(2019), No. 11, Art. No. 1028



9. Li, CL, Postolache, M, Jia, ZF: Weighted method for uncertain nonlinear variational inequality problems. *Mathematics* **7**(2019), No. 10, Art. No. 974
10. Chen, J, Postolache, M, Zhu, LJ: Iterative algorithms for split fixed point problem involved in pseudo-contractive operators without Lipschitz assumption. *Mathematics* **7**(2019), No. 9, Art. No. 777.
11. Postolache, M, Nandal, A, Chugh, R: Strong convergence of a new generalized viscosity implicit rule and some applications in Hilbert space. *Mathematics* **7**(2019), No. 9, Art. No. 773.
12. Ceng, LC, Postolache M, Wen, CF, Yao, Y: Variational inequalities approaches to minimization problems with constraints of generalized mixed equilibria and variational inclusions. *Mathematics* **7**(2019), No. 3, Art. No. 270.
13. Ceng, LC, Postolache, M, Qin, X, Yao, Y: System of variational inclusions and fixed points of pseudocontractive mappings in Banach spaces. *Mathematics* **7**(2019), No. 1, Art. No. 5.
14. Yao, Y, Postolache, M, Yao, JC: Iterative algorithms for generalized variational inequalities. *U. Politeh. Buch. Ser. A* **81**(2019), No. 2, 3-16.
15. Ali, MA, Fahimudin, Postolache, M: Generalized Prešić type mappings in order-b-metric spaces. *J Math. Anal.* **10**(2019), No. 3, 1-13.
16. Li, CL, Jia, ZF, Postolache, M: New convergence methods for nonlinear uncertain variational inequality problems. *J. Nonlinear Convex Anal.* **19**(2018), No. 12, 2153-2164.
17. Yao, Y, Petrusel, A, Postolache, M: Iterative computation of mixed equilibrium problems and fixed point problems. *J. Nonlinear Convex Anal.* **19**(2018), No. 12, 2099-2188.
18. Samreen, M, Kamran, T, Postolache, M: Extended  $b$ -metric space, extended  $b$ -comparison function and nonlinear contractions. *U. Politeh. Buch. Ser. A* **80**(2018), No. 4, 21-28.
19. Yao, Y, Yao, JC, Liou, YC, Postolache, M: Iterative algorithms for split common fixed points of demi-contractive operators without priori knowledge of operator norms. *Carpathian J. Math.* **34**(2018), No. 3, 459-466.
20. Yao, Y, Postolache, M, Qin, X, Yao, JC: Iterative algorithms for the proximal split feasibility problem. *U. Politeh. Buch. Ser. A* **80**(2018), No. 3, 37-44.
21. Choudhury, BS, Maity, P, Metiya, N, Postolache, M: Approximating distance between sets by multivalued coupling with application to uniformly convex Banach spaces. *J. Inequal. Appl.* 2018, Art. No. 130.
22. Ali, MU, Postolache, M: On vector valued pseudo metrics and applications. *Trans. A. Razmadze Math. Inst.* **172**(2018), 309-317.
23. Choudhury, BS, Maity, P, Metiya, N, Postolache, M: Simultaneous determination of distance between sets by multivalued Kannan type coupling. *Int. J. Anal. Appl.* **16**(2018), No. 5, 712-732.
24. Nazam, M, Arshad, M, Postolache, M: On common fixed point theorems in dualistic partial metric spaces. *J. Math. Anal.* **9**(2018), No. 1, 76-89.
25. Khan, MS, Mahendra Singh, Y, Maniu, G, Postolache, M: On  $(\alpha, p)$ -convex contraction and asymptotic regularity. *J. Math. Comput. Sci.* **18**(2018), No. 2, 132-145.
26. Saluja, GS, Postolache, M: Three-step iterations for total asymptotically nonexpansive mappings in CAT(0) spaces. *Filomat* **31**(2017), No. 5, 1317-1330.
27. Kamran, T, Ali, MU, Postolache, M, Ghiura, A, Farheen, M: Best proximity points for a new class of generalized proximal mappings. *Int. J. Anal. Appl.* **13**(2017), No. 2, 198-205.

28. Shabibi, M, Postolache, M, Rezapour Sh: Positive solutions for a singular sum fractional differential system. *Int. J. Anal. Appl.* **13**(2017), No. 1, 108-118.
29. Khan, MS, Mahendra Singh, Y, Maniu, G, Postolache, M: On generalized convex contractions of type-2 in  $b$ -metric and 2-metric spaces. *J. Nonlinear Sci. Appl.* **10**(2017), No. 6, 2902-2913.
30. Jacob, GK, Postolache, M, Marudai, M, Raja, V: Norm convergence iterations for best proximity points of non-self non-expansive mappings. *U. Politeh. Buch. Ser. A* **79**(2017), No. 1, 49-56.
31. Thakur, BS, Thakur, D, Postolache, M: A new iteration scheme for approximating fixed points of nonexpansive mappings. *Filomat* **30**(2016), No. 10, 2711-2720.
32. Noor, MA, Noor, KI, Awan, MU, Postolache, M: Some integral inequalities for  $p$ -convex functions. *Filomat* **30**(2016), No. 9, 2435-2444.
33. Saluja, GS, Postolache, M, Ghiura, A: Convergence theorems for mixed type asymptotically nonexpansive mappings in the intermediate sense. *J. Nonlinear Sci. Appl.* **9**(2016), No. 7, 5119-5135.
34. Kamran, T, Postolache, M, Fahimuddin, Ali, MU: Fixed point theorems on generalized metric space endowed with graph. *J. Nonlinear Sci. Appl.* **9**(2016), No. 6, 4277-4285.
35. Shatanawi, W, Postolache, M: On  $n$ -collinear elements and Riesz theorem. *J. Nonlinear Sci. Appl.* **9**(2016), No. 5, 3066-3073.
36. Padhan, SK, Nahak, C, Postolache, M: Control problems with Kuhn-Tucker and Fritz John generalized invexity. *J. Math. Anal.* **7**(2016), No. 3, 51-57.
37. Fathollahi, Sh, Ghiura, A, Postolache, M, Rezapour, Sh: A comparative study on the convergence rate of some iteration methods involving contractive mappings. *Fixed Point Theory Appl.* **2015**, Art. No. 234 (2015).
38. Saluja, GS, Postolache, M: Strong and  $\Delta$ -convergence theorems for two asymptotically nonexpansive mappings in the intermediate sense in  $CAT(0)$  spaces. *Fixed Point Theory Appl.* **2015**, Art. No. 12 (2015).
39. Thakur, BS, Thakur, D, Postolache, M: Modified Picard-Mann hybrid iteration process for total asymptotically nonexpansive mappings. *Fixed Point Theory Appl.* **2015**, Art. No. 140 (2015).
40. Saluja, GS, Postolache, M, Kurdi, A: Convergence of three-step iterations for nearly asymptotically nonexpansive mappings in  $CAT(k)$  spaces. *J. Inequal. Appl.* **2015**, Art. No. 156 (2015).
41. Shatanawi, W, Postolache, M: Mazur-Ulam theorem for probabilistic 2-normed spaces. *J. Nonlinear Sci. Appl.* **8**(2015), No. 6, 1228-1233.
42. Ali, MU, Kamran, T, Postolache, M: Fixed point theorems for multivalued  $G$ -contractions in Hausdorff  $b$ -gauge spaces. *J. Nonlinear Sci. Appl.* **8**(2015), No. 5, 847-855.
43. Shatanawi, W, Postolache, M, Mustafa, Z: Tripled and coincidence fixed point theorems for contractive mappings satisfying  $\Phi$ -maps in partially ordered metric spaces. *An. Sti. U. Ovid. Co-Mat.* **22**(2014), No. 3, 179-203.
44. Yao, Y, Agarwal, RP, Postolache, M, Liu, YC: Algorithms with strong convergence for the split common solution of the feasibility problem and fixed point problem. *Fixed Point Theory Appl.* **2014**, Art. No. 183 (2014).
45. Yao, Y, Postolache, M, Kang, SM: Strong convergence of approximated iterations for asymptotically pseudocontractive mappings. *Fixed Point Theory Appl.* **2014**, Art. No. 100 (2014).

46. Thakur, BS, Dewangan, R, Postolache, M: General composite implicit iteration process for a finite family of asymptotically pseudocontractive mappings. *Fixed Point Theory Appl.* **2014**, Art. No. 90 (2014).
47. Dewangan, R, Thakur, BS, Postolache, M: A hybrid iteration for asymptotically strictly pseudocontractive mappings. *J. Inequal. Appl.* **2014**, Art. No. 374 (2014).
48. Ghorbanian, R, Hedayati, V, Postolache, M, Rezapour, Sh: On a fractional differential inclusion via a new integral boundary condition. *J. Inequal. Appl.* **2014**, Art. No. 319 (2014).
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