

CURRICULUM VITAE



Personal information

- **Personal**
 - Prof. Taieb Hamaizia
 - Professor, Mathematics and Informatics department, University of Oum El Bouaghi, Algeria.
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 - Google Scholar: https://scholar.google.com/citations?user=_fRVPnsAAAAJ&hl=en
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Education

- **Ph.D.'s degree** in Applied mathematics
- **Master's degree** in Applied mathematics
- **License's degree** in Applied mathematics

Functions and Affiliations

- **Professor**, Taieb Hamaizia
- **Professor in** Mathematics
- System Dynamics and Control Laboratory,

Department of Mathematics and Informatics, Oum El Bouaghi University, Algeria

Teaching modules

- Topologie
- Optimization
- Numerical analysis
- Descriptive statistic
- Differential equation
- Probablity

- General mathematics (Economic, Informatics and Physics)
- Programmation (Matlab)
- Matrices Analysis

International publications

1. **T. Hamaizia** and A. Ziadi , Differential Equations Generating Densifying Curves, Gen. Math. Notes, Vol. 13, No. 1, November 2012, pp.1-9.
2. **T. Hamaizia** and A. Aliouche, A Common fixed point in fuzzy metric space via an implicit relation. Qafqaz journal of mathematics, Mathematics and Computer Science, Number 34 (2012).
3. **T. Hamaizia** and A. Aliouche, Related fixed point on two metric spaces, Palestine Journal of Mathematics, Vol. 2(1) (2013).
4. **T. Hamaizia** , Novel class of Filled function for global optimization, International Journal of Mathematics & Computation, Volume 22, Issue 1 (2014).
5. **T. Hamaizia** and A. Aliouche, Fixed point theorems on two complete fuzzy metric spaces, Acta Universitatis Apulensis, pp. 113-122, N 40, (2014)
6. **T. Hamaizia** , A Filled function method applied to smooth unconstrained global optimization, International Journal of Mathematics & Computation, Volume 26, Issue 4 (2015).
7. **T. Hamaizia** and A. Aliouche, A fixed point theorem in b-metric spaces and its application to linear integral equation, Asian Journal of Mathematics and Computer Research, Volume 15, Issue 1 (2017)
8. **Taieb Hamaizia** and P. P. P. Murthy, Common fixed point theorems in relatively intuitionistic fuzzy metric spaces, Gazi journal (2017).
9. **Taieb Hamaizia**, Extension of some fixed point theorems type T-contraction in cone metric space, New Trends in Mathematical Sciences, V7 , N4 (2019)
10. **Taieb Hamaizia**, Related fixed point theorems in intuitionistic fuzzy metric spaces satisfying an implicit relation , Notes on Intuitionistic Fuzzy Sets 26 (2), 15–24 (2020).
11. **Taieb Hamaizia**, Common fixed point theorems involving C-class function in Partial metric spaces, Sohag journal of mathematics, 8(1), PP: 23-28, (2021).
12. **Taieb Hamaizia**, Fixed point theorems for generalized (Ψ, φ, F) -contraction type mappings in b-metric spaces with applications, Open Journal of Mathematical Analysis, 5(1), 35-41, (2021).
13. S. Merdaci, **Taieb Hamaizia**, Some fixed point theorems of rational type contraction in b-metric spaces, Moroccan J. of Pure and Appl. Anal., 7(3), 350-363, (2021).
14. **Taieb Hamaizia**, Abdelkrim Aliouche, A nonunique common fixed point theorem of Rhoades type in b-metric spaces with applications, Int. J. Nonlinear Anal. Appl. 12 (2021) No. 2, 399-413, (2021).
15. Abdelkrim Aliouche, **Taieb Hamaizia**, Common fixed point theorems for multivalued mappings in b-metric spaces with an application to integral inclusions, The journal of analysis, (2021).

16. **Taieb Hamaizia**, Fixed point theorems involving C-Class functions in Gb-metric spaces, J. Appl. Math. & Informatics Vol. 39(2021), No. 3-4, pp. 529 – 539.
17. **Taieb Hamaizia**, A. H. Ansari, Related fixed point on two metric spaces via C-class functions, Palestine Journal of Mathematics 10 (2), 537–546.
18. **Taieb Hamaizia**, P. P. Murthy Z-contraction condition involving simulation function in b-metric space under fixed points considerations, Mathematica Moravica 25 (2), 43–52, (2021).
19. **Taieb Hamaizia**, Said Beloul, Common fixed point result for generalized α^* - Ψ -contraction for C-class functions in b-metric spaces, Annals of Communications in Mathematics 4 (2), 155-163, (2021).
20. Seddik Merdaci, **Taieb Hamaizia**, Abdelkrim Aliouche, Some generalization of non-unique fixed point theorems for multi-valued mappings in b-metric spaces, U.P.B. Sci. Bull., Series A, 83(4), (2021).
21. **Taieb Hamaizia**, Arslan Hojat Ansari, COMMON FIXED POINT THEOREMS INVOLVING C-CLASS FUNCTIONS IN G-METRIC SPACES, FACTA UNIVERSITATIS, Ser. Math. Inform. 37(5), 2022
22. **Taieb Hamaizia**, Well-Posedness for Rational Contraction On b-Metric Spaces, Functional Analysis, 1(1), 2022.
23. Souheib Merad, Faycel Merghadi, **Taieb Hamaizia**, Stojan Radenovic, New Fixed Point Results on L-rational Contraction Mappings in b-Metric-Like Spaces, Siberian Federal University, 15(6), 2022.

Interests and Qualifications

— Interests and qualification:

Languages:

- Arab (native)
- French
- English (Intermediate level)

Computer skills

- Matlab, Latex, SWP, Word, PowerPoint, Excel