PERSONAL INFORMATION

Pitea Ariana

📍 Splaiul Independenţei 313, Bucharest, Romania

✉ ariana.pitea@upb.ro,

Nationality   Romanian

WORK EXPERIENCE

October 2013 - Present

Professor
University "Politehnica" of Bucharest

Business or sector: teaching, research

October 2012 - October 2013

Associate Professor
University "Politehnica" of Bucharest

Business or sector: teaching, research

October 2008 - October 2012

Lecturer
University "Politehnica" of Bucharest

Business or sector: teaching, research

October 2003 - October 2008

Teaching Assistant
University "Politehnica" of Bucharest

Business or sector: teaching, research

October 2001- October 2003

Laboratory Assistant
University "Politehnica" of Bucharest

Business or sector: teaching, research

EDUCATION AND TRAINING

2001-2008

Ph. D
University "Politehnica" of Bucharest

- Nonlinear Optimizations, Vector fields,
Investigation techniques in optimization problems

1999-2001

master , Algebra
Universitaty of Bucharest

- Abstract Algebra, Curves and surfaces,
The algebraic study of some geometrical problems

1995-1999

license in Mathematics
University of Bucharest

Calculus, Numerical Analysis, Functional Analysis, Algebra,

Operational Research, Riemannian Geometry

1991-1995

baccalaureate
"Nicolae Grigorescu" College, Câmpina, Prahova

- Elements of general knowledge

Mother tongue	Romanian				

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1

Communication skills
- good communication skills acquired by personal experience while teaching in an university, research, Ph. D. experience and publishing papers in high ranked journals, able to work in a team

Organisational / managerial skills
- member of the organising committee of the annual conference DGDS, from 2005 up to now

PERSONAL SKILLS ——

Computer skills
- excellent command of LaTeX
- good command of Microsoft Office™
- good command of Maple

Other skills
- Deputy Editor in Chief of a IDB journal (2008-2012)
- reviewer for international journals
- activity for Sci. Bull. UPB Ser A

Selective publications

1. MU. Ali, and Ariana Pitea: Existence theorem for integral inclusions by a fixed point theorem for multivalued implicit-type contractive mappings, Nonlinear Anal. Modelling Control, 26(2021), No. 2, 334-348.

2. S. Singh, Ariana Pitea and X. Qin: An iterative method and weak sharp solutions for multitime-type variational inequalities, Applicable Anal., 100(2021), 2070-2187

3. HV Nguyen, MT Vo and Ariana Pitea: Global error bounds for mixed quasi-hemivariational inequality problems on Hadamard manifols, Optimization, 69(2020), No. 9, 2033-2052,

4. T. Antczak and Ariana Pitea: Parametric approach to multitime fractional variational problems under (F,rho) convexity, Optimal Control Appl., DOI: 10.1002/oca.2192

5. E. Karapinar and Ariana Pitea: On alpha-psi-Geraghtycontraction type mappings on quasi-Branciari metric spaces, J. Nonlinear Convex Anal., 7(2016), No. 7, 1291-1302.

6. W. Sintunavarat and Ariana Pitea: On a new iteration scheme for numerical reckoning fixed points of Berinde mappings with convergence analysis, J. Nonlinear Sci. Appl., 9 (2016), No. 5, 2553-2562.

7. W. Shatanawi and Ariana Pitea: Best proximity point and best proximity coupled point in a complete metric space with (P)-property, Filomat, 29(2015), No. 1, 63-74.

8. Ariana Pitea and T. Antczak: Proper efficiency and duality for a new class of nonconvex multitime multiobjective variational problems, J. Inequal. Appl., Vol. 2014, Art. No. 333..

9. W. Shatanawi, Ariana Pitea and R. Lazovic: Contraction conditions using comparison functions on b-metric spaces, Fixed Point Theory Appl., Vol. 2014, Art. No. 135, 11 p.

10. W. Shatanawi and Ariana Pitea: Omega-distance and coupled fixed point in G-metric spaces, Fixed Point Theory Appl., Vol. 2013, Art. No. 208, 15 p.

11. W. Shatanawi and Ariana Pitea: Some coupled fixed point theorems in quasi-partial metric spaces, Fixed Point Theory Appl., Vol. 2013, Art. No. 153, 15 p.

12. Ariana Pitea and M. Postolache: Minimization of vectors of curvilinear functionals on the second order jet bundle. Necessary

conditions, Optim. Lett., 6(2012), No. 3, 459–470.

13. Ariana Pitea and M. Postolache: Minimization of vectors of curvilinear functionals on the second order jet bundle. Sufficient efficiency conditions, Optim. Lett., 6(2012), No. 8, 1657-1669.

14. Ariana Pitea and M. Postolache: Duality theorems for a new class of multitime multiobjective variational problems, J. Glob. Optim., 54(2012), No. 1, 47-58.

15. Ariana Pitea: Sufficient efficiency conditions for ratio vector problem on the second order jet bundle, Abstr. Appl. Anal., Vol. 2012, Article ID: 713765, 9 p.

Reviewer for ISI journals

Acta Mathematica Scientia, Aequationes mathematicae, AMS Proceedings, Applied Mathematics and Computation, Axioms, Bulletin of the Malaysian Mathematical Sciences Society, Carpathian Journal of Mathematics, Chaos, Solitons and Fractals, Filomat, Italian Journal of Pure and Applied Mathematics, Journal of Applied Mathematics and Informatics, Journal of Fixed Point Theory and Applications, Journal of Inequalities and Applications, Journal of Optimization Theory and Applications, Mathematics, Neural Computing and Applications, Nonlinear Analysis Modeling and Control, Open Mathematics, Optimization, Optimization Letters, Optimal Control Applications and Methods, Optimization Methods and Software, Physica A, Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales. Serie A. Matematicas, Symmetry, Zeitschrift fuer angewandte mathematik und physik, The Journal of Analysis, Fasciculi Matematici; Scientific Bulletin UPB, Series A: Applied Mathematics and Physics; Journal of Advanced Mathematical Studies.

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