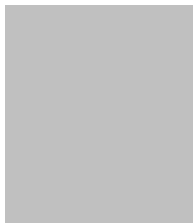


INFORMAȚII PERSONALE

Daniela Marian



WORKPLACE FOR WHO CANDIDATE

Department of Mathematics, Faculty of Automation and Computers Science, Technical University of Cluj-Napoca
Associate Professor

THE POSITION DESIRED WORKPLACE THE STUDIES FOR WHICH APPLY

16
Department of Mathematics, Faculty of Automation and Computers Science, Technical University of Cluj-Napoca

WORK EXPERIENCE

01.10.2007-prezent

Assistant Professor

Department of Mathematics, Faculty of Automation and Computers Science, Technical University of Cluj-Napoca, 28, Memorandumului Str., www.utcluj.ro

Teaching activities

THE COURSE	STUDY PROGRAM	YEAR
Mathematical Analysis	Faculty of Industrial Engineering, Robotics and Production Management , Faculty of Automotive, Mechatronics and Mechanical Engineering	
Special Mathematics	Faculty of Automotive, Mechatronics and Mechanical Engineering Faculty of Civil Engineering	

Research activities:

- research topics: Hyers-Ulam stability, Differential equations, Partial differential equations, Mathematical analysis on graphs and networks, Convexity Theory, Allure Theory
- Author of 26 ISI articles and 11 BDI articles, 12 not indexed articles
- Author of 5 books and chapters in 3 books, 2 of which in Springer publishing house

- 1.09.1999-30.09.2007 **Mathematics teacher**
"Transylvania" Technical College of Transport, Cluj-Napoca, 21 Bistritei str.
- 1.09.1993-1.09.1999 **Mathematics teacher**
Gr. Șc. Transport M.R., Cluj-Napoca, 89-91 Maxim Gorki str.
- 11.01.1992-1.09.1993 **Mathematics teacher**
"Artemiu Publiu Alexi" Secondary School Sângeorz-Băi and "Solomon Haliță" Theoretical High School Sângeorz-Băi
- 1.09.1991-11.01.1992 **Computer science teacher**
Vișeul de Sus Students' Club

EDUCATION AND TRAINING

- 1994-2002 **Doctoral studies in Mathematics**
Faculty of Mathematics and Computer Science, Babeș-Bolyai University Cluj-Napoca
- Title of the thesis: Directions of mathematical analysis treated on graphs and networks
 - Scientific guide: Prof. Dr. Doc. Elena Popoviciu; Public presentation 29.06.2002
- 1986-1991 **Bachelor studies in mathematics, specialization 1 year**
Specialisation Professor of mathematics/Bachelor's degree, 1 year Specialization
Faculty of Mathematics and Computer Science, Mathematics Specialization, Babeș-Bolyai University Cluj-Napoca
- 1982-1986 **High school studies-Baccalaureate Diploma**
Cluj-Napoca Computer Science High School

PERSONAL SKILLS

Mother tongue Romanian

Other known foreign languages

	INTELEGERE		SPEAKING		WRITING
	UNDERSTANDING	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Certificate of linguistic competence UTCN					
French	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills**
- good communication skills acquired through own experience, at work, because of interaction with colleagues, researchers from the country and abroad, students

- Organizational/managerial skills**
- Editor
 - editor at Annals of the Tiberiu Popoviciu Seminar of Functionals Equations, Approximation and Convexity, Vol. 2 (2004), Vol 3 (2005), Vol. 4 (2006), Vol. 6 (2008), Vol. 7 (2009), Vol. 8 (2010), Vol. 9 (2011), Vol. 10 (2012), Vol. 11(2013), Vol. 12 (2014), Vol. 13 (2015), Vol. 14 (2016), Vol. 15 (2017), Vol. 16 (2018), Vol. 17 (2019)
 - Guest Editor
 - special issue entitled "Differential Equations and Related Topics" of Axioms-ISI journal (2022-2023)
- Organisational / managerial skills**
- member of the organizing committee of Theodor Angheluță Seminar (2011, 2013, 2015, 2019, 2023)
 - member of the organizing committee of the Tiberiu Popoviciu Itinerant Seminar on Functional Equations, Approximation and Convexity (2000, 2001, 2003, 2004, 2005, 2006, 2008, 2009)
- Reviewer**
Scientific reviewer
- Mathematical Reviews – MathSciNet (MR Author ID 76966)
- For over 17 prestigious international journals:
- Proceedings of the Royal society A (ISI journal)
 - Demonstratio Mathematicae (ISI journal)
 - Qualitative Theory of Dynamical Systems (ISI journal)
 - Journal of Function Spaces and Applications (ISI journal)
 - Boundary Value Problems (ISI journal)
 - Carpathian Journal of Mathematics (ISI journal)
 - Symmetry Basel (ISI journal)
 - Mathematics (ISI journal)
 - Axioms (ISI journal)
 - Energies (ISI journal)
 - Fractal and Fractional (ISI journal)
 - Applied Sciences (ISI journal)
 - Journal of Inequalities and Applications (ISI journal)
 - Mathematical Biosciences and Engineering (ISI journal)
 - Journal of Applied Science and Engineering
 - AppliedMath
 - Dynamics
- Skills acquired in the workplace**
- Union President of the Faculty of Automation and Computer Science
 - Vice President of the "Theodor Angheluță" Seminar Association
- Computer skills**
- a good knowledge of Microsoft Office tools, Latex
- Driving licence**
- B

ADDITIONAL INFORMATION

PUBLICATIONS
Articles
(10 representative)

- 26 articles published in ISI Journals
 - 11 articles published in BDI Journals, 12 not indexed articles
- ISI Articles:
1. D. Marian, I. R. Peter, C. Pinte, A class of generalized monotone operators, *J. Math. Anal. Appl.* 2015, 421 (2), 1827-1843. <https://doi.org/10.1016/j.jmaa.2014.08.017>
 2. D. Marian, I. R. Peter, C. Pinte, Operations with monotone operators and the monotonicity of the resulting operators, *Monatsh. fur Math.* 2016, 181(1), 143-168. <https://doi.org/10.1007/s00605-015-0820-x>
 3. D. Marian, S. A. Ciplea, N. Lungu, Ulam-Hyers stability of a parabolic partial differential equation, *Demonstr. Math.* 2019, 52, 475-481. <https://doi.org/10.1515/dema-2019-0040>
 4. D. Marian, N. Lungu, Ulam-Hyers-Rassias stability of some quasilinear partial differential equations of first order, *Carpathian J. Math.* 2019, 35(2), 165-170. DOI: <https://www.jstor.org/stable/26898767>
 5. D. Marian, S. A. Ciplea, N. Lungu, Ulam-Hyers stability of Darboux-Ionescu problem, *Carpathian J. Math.* 2021, 37(2), 211-216; <https://doi.org/10.37193/CJM.2021.02.07>
 6. D. Marian, Laplace Transform and Semi-Hyers–Ulam–Rassias Stability of Some Delay Differential Equations. *Mathematics*. 2021; 9(24):3260. <https://doi.org/10.3390/math9243260>
 7. D. Inoan, D. Marian. Semi-Hyers–Ulam–Rassias Stability of a Volterra Integro-Differential Equation of Order I with a Convolution Type Kernel via Laplace Transform. *Symmetry*. 2021, 13 (11), 2181. <https://doi.org/10.3390/sym13112181>
 8. D. Inoan, D. Marian. Semi-Hyers–Ulam–Rassias Stability via Laplace Transform, for an Integro-Differential Equation of the Second Order. *Mathematics*. 2022, 10(11), 1893; <https://doi.org/10.3390/math10111893>
 9. Inoan, D.; Marian, D. Semi-Hyers-Ulam-Rassias stability for an integro-differential equation of order n . *Demonstr. Math.* 2023, 56(1). <https://doi.org/10.1515/dema-2022-0198>.
 10. Ciplea, S.A.; Lungu, N.; Marian, D.; Rassias, T. Hyers-Ulam stability of a general linear partial differential equation. *Aequ. Math.* 2023, 1-9. <https://doi.org/10.1007/s00010-023-00960-3>

Books

- 5 books
- 3 chapters in books, 2 published in Springer publishing house:
- D. Marian, S. A. Ciplea, N. Lungu, Th.M. Rassias, Hyers-Ulam stability for differential equations and partial differential equations via Gronwall Lemma, *Approximation Theory and Analytic Inequalities*, volume edited by Th.M. Rassias, Springer Nature, Switzerland, 2021, p. 59-68. ISBN: 978-3-030-60621-3
- Marian, S. A. Ciplea, N. Lungu, Th.M. Rassias, On Hyers-Ulam-Rassias stability of a Volterra-Hammerstein functional integral equation, *Approximation and Computation in Science and Engineering (Springer Optimization and Its Applications, 180)*, volume edited by N.J. Daras and Th.M. Rassias, Springer Nature, Switzerland, 2021, p147-157. ISBN: 978-3-030-84121-8

Participation in Projects

- Scientific consultant to the Project "Complexes of Multiple Relationships and Applications" within the Discrete Optimization Laboratory of the Faculty of Mathematics and Computer Science, Chisinau, Republic of Moldova, 2009.
- Member of the Research Project regarding the development of new generations of stochastic heuristic algorithms, for solving manufacturing scheduling optimization problems, IDEI type Project, Project Director Mircea Ancau, 2008-2012.
- Member of the Key To Nature Project, Project Director Mircea Giurgiu, Coordinating Institution: Universita degli Studi di Trieste, Trieste, Italy, Project Type FP7, Period of execution 09/03/2007 - 09/02/2010 Didatec Program Member POSDRU/87 /1.3/S/60891, 2013
- Member of the project ROSE CeStii 2018-2022, Acord de Grant nr.99/SGU/CI/II din 17.12.2018
- Member of the project ROSE ACCESTEHNIC 2017-2019
- Member of the project ROSE Stem 2019, Acord de grant nr. 277 / 25.11.2019
- Member of the project ROSE SUCCESIMM 2019-2022, Acord grant: 229/SGU/NC/II
- Member of the project CNFIS-FDI-F-2023-0322, TutoR-UTCN, 2023
- Member of the project "The House of the Future", Proiect Socrates, in collaboration with Lithuania and Slovenia 2007

Conferences

- International Conference on Approximation Theory and its Applications ICATA-Sibiu, September 12-14, 2022
- 19th International Conference on Functional Equations and Inequalities 19ICFEI-Bedlewo, Poland, September 11-18, 2021 (on line)
- International Conference on Approximation Theory and its Applications ICATA-Sibiu, October 10-13, 2019
- Conference on Ulam's Type Stability CUTS-Timisoara, October 8-13, 2018
- 10th International Symposium on Generalized Convexity and Monotonicity, Babeş-Bolyai University, August 22-27, 2011, Cluj-Napoca, Romania
- Theodor Angheluta Seminar, Technical University of Cluj-Napoca, Faculty of Automation and Computer Science, 2007, 2008, 2010, 2013, 2016, 2019
- Tiberiu Popoviciu Itinerant Seminar on Functional Equations, Approximation and Convexity (2000, 2001, 2003, 2004, 2005, 2006, 2008, 2009)

Affiliations

- Working Group of Generalized Convexity
- Society of Mathematical Sciences from Romania
- Economic Engineering and Management Scientific Seminar

References

- Prof. dr. Ali Shokri, Faculty of Basic Sciences, University of Maragheh, Iran, e-mail: Shokri@maragheh.ac.ir
- Grade I scientific researcher dr. Emil Catinaş, Tiberiu Popoviciu Institute of Numerical Analysis, 57 Fantanele str., ap.67-68, et.5, Cluj-Napoca, Romania, e-mail: ecatinas@ictp.acad.ro
- Conf. dr. habil. Cornel Pinteă, Department of Mathematics, Faculty of Mathematics and Computer Science, Mathematics Specialization, Babeş-Bolyai University Cluj-Napoca, 1 Kogalniceanu str., Cluj-Napoca, Romania, e-mail: cpinteă@math.ubbcluj.ro

ANEXE

- copies of diplomas and qualification certificates;
- recommendations;
- publications.

Cluj-Napoca
07.06.2023

Signature

