



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Cristian VLADIMIRESCU**
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E-mail vladimirescucris@yahoo.com
Nationality Romanian
Gender M

Work experience

18 years
Dates **Since 2012**
Occupation or position held **Associate professor**
Main activities and responsibilities Research and teaching in Department of Applied Mathematics, University of Craiova.
Teaching Courses: Seminars

- Mathematical Analysis for the first year students of the Faculty of Automation, Computers and Electronics, first semester, on the licence specializations: Computers teaching in Romanian and Computers teaching in English
- Special Chapters of Mathematics for the first year students, of the Faculty of Automation, Computers and Electronics, second semester, on the licence specializations: Automation and Applied Informatics, Multimedia Systems Engineering, Mechatronics and Robotics
- Differential Equations and Mathematical Statistics for the first year students, of the Faculty of Electrical Engineering, second semester, on the licence specializations: Electrical Engineering, Energetics, Aerspatial Engineering.

Name and address of employer University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania
Type of business or sector Research and Higher Education

Dates **October 2006 to October 2012**
Occupation or position held **Associate professor**
Main activities and responsibilities Research and teaching in Department of Mathematics, University of Craiova.
Teaching Courses, Seminars, and Project work classes:

- Mathematical Analysis 2: Differential Calculus on R^n for the first year students of the Faculty of Mathematics and Informatics, second semester, on the licensce specialization: Mathematics
- Differential Equations for the second year students of the Faculty of Mathematics and Informatics, first semester, on the licence specialization: Mathematics and Mathematics Informatics
- Scientific Calculus for the first year students of the Faculty of Mathematics and Informatics, first semester, on the licence specialization: Informatics

Name and address of employer University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania
Type of business or sector Research and Higher Education

Dates **October 2003 to October 2006**
Occupation or position held **Lecturer**

Main activities and responsibilities | Research and teaching in Department of Mathematics, University of Craiova.
Teaching Courses, Seminars:

- Mathematical Analysis 1: Mathematical Analysis on \mathbb{R} for the first year students of the Faculty of Mathematics and Informatics, first semester, on the licence specialization: Mathematics
- Mathematical Analysis for the first year students of the Faculty of Mathematics and Informatics, on the licence specialization: Informatics
- Differential Equations for the second year students of the Faculty of Mathematics and Informatics, first semester, on the licence specialization: Informatics
- Differential Equations for the second year students of the Faculty of Mathematics and Informatics, first semester, on the licence specialization: Mathematics and Mathematics Informatics
- Scientific Calculus for the first year students of the Faculty of Mathematics and Informatics, first and second semester, on the licence specialization: College of Informatics

Name and address of employer | University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania
Type of business or sector | Research and Higher Education

Dates | **October 2001 to October 2003**

Occupation or position held | **Assistant professor**

Main activities and responsibilities | Research and teaching in Department of Applied Mathematics, University of Craiova.
Teaching Seminars:

- Differential Equations for the second year students of the Faculty of Mathematics and Informatics, first and second semester, on the licence specialization: Informatics
- Mathematical Analysis for the first year students of the Faculty of Mathematics and Informatics, on the licence specialization: Informatics
- Mathematical Analysis 3: Integral Calculus on \mathbb{R}^n for the first year students of the Faculty of Mathematics and Informatics, on the licence specialization: Mathematics and Mathematics Informatics
- Scientific Calculus for the first year students of the Faculty of Mathematics and Informatics, first semester and second, on the licence specialization: College of Informatics

Name and address of employer | University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania
Type of business or sector | Research and Higher Education

Dates | **October 1998 to October 2001**

Occupation or position held | **Junior Assistant professor**

Main activities and responsibilities | Research and teaching in Department of Applied Mathematics, University of Craiova.
Teaching Seminars:

- Differential Equations for the second year students of the Faculty of Mathematics and Informatics, first and second semester, on the licence specialization: Informatics

Name and address of employer | University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania
Type of business or sector | Research and Higher Education

Education and training

Dates | **October 1998 to June 2001**

Title of qualification awarded | **PhD in Mathematics**

Principal subjects/occupational skills covered | Differential Equations and Evolution Equations

Name and type of organisation providing education and training | University of Craiova

Level in national or international classification | ISCED 8

Dates | **October 1993 to June 1997**

Title of qualification awarded | **B.S. in Mathematics**

Principal subjects/occupational skills covered	Mathematical Analysis, Differential Equations, Algebra, Geometry, Statistics, Informatics, Pedagogy
Name and type of organisation providing education and training	University of Craiova
Level in national or international classification	ISCED 6
Dates	October 1997 to June 1998
Title of qualification awarded	M.S. in Mathematics
Principal subjects/occupational skills covered	Dynamical Systems, Variational Methods
Name and type of organisation providing education and training	University of Craiova
Level in national or international classification	ISCED 7
Dates	September 1989 to June 1993
Title of qualification awarded	Graduation Diploma
Principal subjects/occupational skills covered	Mathematics and Informatics
Name and type of organisation providing education and training	Nicolae Bălcescu High School, Craiova

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment / Official certificate

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

(*) [Common European Framework of Reference for Languages](#).

Social skills and competences	Works well in teams, sociable, communicative, conscientious, responsible, creative, determined, well organized, dynamic, attention to details
Organisational skills and competences	Ex: Attention to details, Focus oriented
Computer skills and competences	Operating systems: Windows Calculus software: Matlab Editing software: LaTeX
Domains of competence	Ordinary Differential and Integral Equations, Stability for ODEs, Homoclinic solutions, boundary value problems for ODEs on noncompact intervals, Functional Analysis

Additional informations

Memberships
Romanian Mathematical Society (SSMR) - since 1996
American Mathematical Society (AMS) - since 2004
Romanian Society of Applied and Industrial Mathematics (ROMAI) – since 2016

Grants	<p>6 research grants (of which 2 as project manager and 1 international)</p> <p>As grant director</p> <ul style="list-style-type: none"> • Central European University Research Grant 15 March 2002-15 June 2004 • University of Craiova Grant 19C/27.01.2014: Differential Equations: qualitative study, efficient numerical processing, and applications <p>As member in the research team:</p> <ul style="list-style-type: none"> • Contract MEN26044/2001; Grant CNCSIS D4/2001: Dynamical systems and evolution problems, Project manager: Prof. univ. dr. Constantin P. Niculescu • Grant CNCSIS cod 196 nr. 36816 Tema 2/1999: Qualitative study of certain continuous and discrete evolution processes and applications in theoretical physics and mechanics, Project manager: Prof. univ. dr. Cezar Avramescu • Grant CNCSIS A151/2004, Nonlinearities and singularities in mathematical physics, Project manager: Prof. univ. dr. Vicențiu Rădulescu • Excellence Research Center in Nonlinear Analysis and Applications, Department of Mathematics, Faculty of Mathematics-Informatics, University of Craiova (since 2005), Director: Prof. univ. dr. Constantin P. Niculescu • Center for Research, Education and Promotion of Mathematics in Science, Technology and Society
Research Experience and Awards	<ul style="list-style-type: none"> • 1 March 1998 - 1 June 1998: TEMPUS scholar fellowship at the University of Thessaloniki, Greece • 15 April 1999 - 15 June 1999: Research fellowship at the University of Franche-Comté, Besançon, France • 1 March 2004 - 1 June 2004: Research fellowship at the Department of Mathematics and Its Applications of the Central European University, Budapest, Hungary
Citations	Over 50 citations in ISI papers with impact factor over 0.5, over 100 citations in Scopus papers and other data bases papers
Certificates	English Language certificate
Annex	<p>Books and chapters in books</p> <ol style="list-style-type: none"> 1. C. Avramescu, C. Vladimirescu, Course of Scientific Calculus, Reprografia Universității din Craiova, 2002, 300 pages. 2. C. Avramescu, C. Vladimirescu, Differential and Integral Equations, Ecuatii Diferențiale și Integral, 3. Reprografia Universității din Craiova, 2003, 250 pages. 3. C. Vladimirescu, C. Avramescu, Applications of the Fixed Point Method to Ordinary Differential and Integral Equations on Noncompact Intervals, Universitaria Press, Craiova, ISBN 973-742-278-3, ISBN 978-973742-278-1, 2006, 325 pages. 4. C. Vladimirescu, Differential equations of upper order, in „Qualitative Study of Differential Equations, Geometrical and Dynamical Aspects of Some Mechanical Systems, Numerical Treatment, and Applications”, 37-75, Universitaria Craiova - Prouniversitaria București, ISBN 978-606-26-0168-3, ISBN 978-606-14-0886-3, 2014. <p>ISI Papers</p> <ol style="list-style-type: none"> 1. C. Avramescu, C. Vladimirescu, Homoclinic solutions for linear and linearizable ordinary differential equations, Abstract and Applied Analysis, 5 (2), 65-85 (2000). 2. C. Avramescu, C. Vladimirescu, Limits of solutions of a perturbed linear differential equation, Electronic Journal of Qualitative Theory of Differential Equations, 3, 1-11 (2002). 3. A. Duma, C. Vladimirescu, Semi-numerical approximation structures for nonlinear noncompact operators in Banach spaces, Numerical Functional Analysis and Optimization, 24 (7-8), 725-746 (2003). 4. A. Duma, C. Vladimirescu, Approximation structures and applications to evolution equations, Abstract and Applied Analysis, 12, 685-696 (2003). 5. C. Avramescu, C. Vladimirescu, Some remarks on Krasnoselskii's fixed point theorem, Fixed Point Theory, 4 (1), 3-13 (2003). 6. C. Avramescu, C. Vladimirescu, Fixed points for some non-obviously contractive operators defined in a space of continuous functions, Electronic Journal of Qualitative Theory of Differential Equations, 3, 1-7 (2004).

7. C. Avramescu, C. Vladimirescu, Fixed point theorems of Krasnoselskii type in a space of continuous functions, Proceedings of the International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj-Napoca 2004, Fixed Point Theory, 5 (2), 181-195 (2004).
8. Gh. Moroşanu, C. Vladimirescu, Stability for a damped nonlinear oscillator, Nonlinear Analysis: Series A Theory and Methods, 60 (2), 303-310 (2005).
9. Gh. Moroşanu, C. Vladimirescu, Stability for a nonlinear second order second ODE, Funkcialaj Ekvacioj, 48 (1), 49-56 (2005).
10. C. Avramescu, C. Vladimirescu, An existence result of asymptotically stable solutions for an integral equation of mixed type, Electronic Journal of Qualitative Theory of Differential Equations, 25, 1-6 (2005).
11. C. Vladimirescu, Asymptotic behavior of solutions to a perturbed ODE, Bulletin of the Belgian Mathematical Society – Simon Stevin, 13 (2), 355-362 (2006).
12. C. Avramescu, C. Vladimirescu, On the existence of asymptotically stable solutions of certain integral equations, Nonlinear Analysis: Series A Theory and Methods, 66 472–483 (2007).
13. C. Vladimirescu, Existence results for inequality problems on various subsets of Banach spaces and applications, Journal of Global Optimization, 37 (3), 437-447 (2007).
14. C. Vladimirescu, An existence result for homoclinic solutions to a nonlinear second order ODE through differential inequalities, Nonlinear Analysis: Series A Theory and Methods, 68, 3217–3223 (2008).
15. C. Avramescu, C. Vladimirescu, Existence of homoclinic solutions to a nonlinear second order ODE, Dynamics of Continuous, Discrete and Impulsive Systems, Series A: Mathematical Analysis, 15, 481-491 (2008).
16. C. Vladimirescu, Remark on Krasnoselskii's fixed point theorem, Nonlinear Anal. 71, no. 3-4, 876-880 (2009).
17. C. Vladimirescu, Limits of solutions to a nonlinear second-order ODE, Nonlinear Analysis: Series A Theory and Methods, 75, no. 13, 5139-5144 (2012).

Scopus and other data bases indexed papers

1. A. Duma, C. Vladimirescu, Pre-numerical methods in the theory of nonlinear operators, Mathematical Sciences and Research Journal, 7 (5), 173-194 (2003).
2. A. Duma, C. Vladimirescu, Non-decomposable inner product spaces, Mathematical Sciences and Research Journal, 8 (2), 67-84 (2003).
3. A. Duma, C. Vladimirescu, Treatment of the fields having the Hahn-Banach property, Nonlinear Functional Analysis and Applications, 8 (4), 623-634 (2003).
4. C. Avramescu, C. Vladimirescu, Existence of solutions to second order ordinary differential equations having finite limits at +/- infinity, Electronic Journal of Differential Equations, 2004 (18), 1-12 (2004).
5. C. Avramescu, C. Vladimirescu, Asymptotic stability results for certain integral equations, Electronic Journal of Differential Equations, 2005 (126), 1-10 (2005).
6. C. Avramescu, C. Vladimirescu, Existence of solutions to second order ordinary differential equations having finite limits at , Electronic Journal of Differential Equations, 2004 (18), 1-12 (2004).
7. C. Avramescu, C. Vladimirescu, Asymptotic stability results for certain integral equations, Electronic Journal of Differential Equations, 2005 (126), 1-10 (2005).
8. C. Avramescu, C. Vladimirescu, An existence result of asymptotically stable solutions for an integral equation of mixed type, Electronic Journal of Qualitative Theory of Differential Equations, 25, 1-6 (2005).
9. V. Rădulescu, C. Vladimirescu, KKM Techniques for hemivariational inequalities and applications, Analele Universităţii din Craiova, Seria Matematică-Informatică, XXVI, 29-42 (1999).
10. C. Avramescu, C. Vladimirescu, Existence results for generalized bilocal boundary value problems, Analele Universităţii din Craiova, Seria Matematică-Informatică, XXVI, 5-13 (1999).
11. C. Vladimirescu, Topological methods in the theory of ODE boundary value problems, Analele Universităţii de Vest Timişoara, XXXVIII (1), 143-152 (2000).
12. C. Avramescu, C. Vladimirescu, Homoclinic solutions for second order linear differential equations, Analele Universităţii din Craiova, Seria Matematică-Informatică, XXVII, 1-5 (2000).

13. C. Vladimirescu, Associated operators to homoclinic solutions, *Analele Universității din Craiova, Seria Matematică-Informatică*, XXVII, 57-70 (2000).
14. C. Avramescu, C. Vladimirescu, g-bounded solutions for ordinary differential equations, *Analele Universității din Craiova, Seria Matematică-Informatică*, XXIX, 72-90 (2002).
15. A. Duma, C. Vladimirescu, Fixed point free nonlinear contractions on Krein-like spaces, *Analele Universității din Craiova, Seria Matematică-Informatică*, XXIX, 91-106 (2002).
16. C. Avramescu, C. Vladimirescu, An existence result for homoclinic solutions for a linear ordinary differential equation of second order, *Analele Universității din Craiova, Seria Matematică-Informatică*, XXX (2), 14-19 (2003).
17. A. Duma, C. Vladimirescu, Hammerstein equations in nonreflexive Banach spaces, *Analele Universității din Craiova, Seria Matematică-Informatică*, XXX (2), 20-24 (2003).
18. A. Duma, C. Vladimirescu, Sur les isométries non-linéaires, *Révue Roumaine de Mathématiques Pures et Appliquées*, 45 (5-6), 447-454 (2004).
19. C. Avramescu, C. Vladimirescu, On the existence of zeros of continuous functions defined in \mathbb{R}^n , *Révue Roumaine de Mathématiques Pures et Appliquées*, 50 (5-6), 431-436 (2005).
20. C. Vladimirescu, Applications of fixed point method in nonlinear analysis, *Libertas Math.*, 28, 61-67 (2008).
21. C. Vladimirescu, Stability for damped oscillators, *Actes du 7-ème Colloque Franco-Roumain de Mathématiques Appliquées, Craiova 2004, Analele Universității din Craiova, Seria Matematică-Informatică*, XXXII, 227-232 (2005), ISSN 1223-6934.
22. C. Vladimirescu, Stability problems for damped nonlinear oscillators, *Proceedings of the 5th International Conference APLIMAT 2006, Bratislava 2006*, 363-370, ISBN 80-967305-5-X.
23. Gh. Moroșanu, C. Vladimirescu, An extension of the Jordan-von Neumann theorem, *Gazeta Matematică, Seria A*, XXIII (CII) (2), 154-157 (2005).

Associate Prof. Cristian VLADIMIRESCU