Curriculum vitae

Personal information	
Surname/ First name	**Dragoş - Pătru Covei**
Address	Bl. 3, ap. 2, Aleea Mioriţei, 217420, Târgu Jiu, Gorj, România
E-mail(s)	coveidragos@yahoo.com; dragoscovei77@yahoo.com
Telephone(s)	Mobil: 04-0766224814
Nationality(-ies)	Romanian
Birth date	08 12 1977
Sex	Male
Civil status	Married
Children	Two
Personal website	www.utgjiu.ro/math/dcovei
Desired employment / Occupational field	**"Constantin Brâncuşi" University of Târgu-Jiu, Teaching assistant**
Work experience	
Dates	01. 10. 2004 – →
Occupation or position held	Teaching Assistant
Main activities and responsibilities	Didactic and research activities
Name and address of employer	"Constantin Brâncuşi" University of Târgu Jiu, Bd. Republicii, Nr. 1, Tg-Jiu, Gorj 210152, România
Type of business or sector	Teaching disciplines: Applied mathematics in economics, Mathematical Analysis, Special mathematics, Linear algebra and analytic geometry, Applied data processing, Econometrics, Applied Informatics.
Dates	01. 10. 2002 – 01.10.2004
Occupation or position held	Junior Teaching Assistant
Main activities and responsibilities	Didactic and research activities
Name and address of employer	"Constantin Brâncuşi" University of Târgu Jiu
Type of business or sector	Teaching disciplines: Mathematics for elementary school teachers

Dates	01.09.2001 – 01.10.2002
Occupation or position held	Professor of secondary school
Main activities and responsibilities	Didactic activity
Name and address of employer	"Alexandru Ştefulescu" middle school and "Constantin Brâncuşi" middle school (Târgu Jiu)
Type of business or sector	Teaching disciplines: Mathematics and data processing
Education and training	
Dates	01 10 2003 →17.10.2009
Title of qualification awarded	PhD at the West University of Timişoara
Main disciplines studied/ professional skills acquired	Mathematics
Name and type of organization providing education and training	University of Craiova, The Faculty of Mathematics and Informatics, 01 10 2003 – 09 07 2007 West University of Timişoara, The Faculty of Mathematics and Informatics, 09 07 2007 – 17.10.2009 My thesis „**Contributions in the study of semilinear and quasilinear boundary value problems**" whose sustained on 17.10.2009 under adviser Prof. Mihail Megan [Ph.D. members of the commission: Prof. Ioan A. Rus (University„Babeş-Bolyai" of Cluj-Napoca), Prof. Teodor Precupanu (University „Alexandru Ioan Cuza" of Iaşi) and Prof. Petre Preda (West University of Timişoara)]. For this thesis I received the mention: ***Cum Laude.***
Level in national or international classification	Doctoral school
Dates	2005-2007
Title of qualification awarded	Specialization diploma (Msc.)
Main disciplines studied/ professional skills acquired	Informatics Graduation thesis: *Newton's method for solving non-linear equations* (Scientific advisor: Univ. Professor PhD Ştefan Maruster)
Name and type of organization providing education and training	West University of Timişoara, The Faculty of Mathematics and Informatics
Level in national or international classification	Professional conversion diploma at post-academic level (Msc.)
Dates	2005-2007
Title of qualification awarded	Post-academic specialization studies
Main disciplines studied/ professional skills acquired	Information and communication technology Graduation thesis: *C and applications* (Scientific advisor: Associated Professor PhD Mădălina Buneci)
Name and type of organization providing education and training	"Constantin Brâncuşi" University of Târgu Jiu

Level in national or international classification	Post-academic specialization studies
Dates	2001-2002
Title of qualification awarded	Post graduate certificate (M.Sc.)
Main disciplines studied/ professional skills acquired	Algebra and geometry Graduation thesis: *Integrable distributions* (In the geometrical area-Scientific advisor: University Professor PhD Petre Stavre)
Name and type of organization providing education and training	University of Craiova, the Faculty of Mathematics and Informatics
Level in national or international classification	Post-graduate studies
Dates	1997-2001
Title of qualification awarded	Mathematics / bachelor's diploma
Main disciplines studied/ professional skills acquired	Mathematics (graduation exam average 9,20 - with honors-third student) Bachelor thesis: *Dedekind Rings* (Scientific advisor: University Professor PhD Alexandru Dincă)
Name and type of organization providing education and training	University of Craiova, the Faculty of Mathematics and Informatics
Level in national or international classification	Long-term higher studies
Personal skills and competences	
Mother tongue(s)	**Romanian**
Other languages	

Self-assessment	**Understanding**		**Speaking**		**Writing**
European Level (*)	Listening	Reading	Speaking	Oral expressing	Writing
English	good	good	Good	good	good
French	good	good	satisfactory	Satisfactory	satisfactory
Russian	satisfactory	satisfactory	satisfactory	Satisfactory	satisfactory

Social skills and competences	Creativity, dynamism, efficiency, ability to work with students from all social/cultural environments
Organizational skills and competences	Structuring, synthesis ability, seriousness, team spirit, decisional skills
Technical skills and competences	Structuring, synthesis ability, decisional skills, autonomy in activity
Computer skills and competences	Easy use of Software languages and accessories, Internet
Artistic skills and competences	Listening and satisfactory knowledge from music (all types) and literature (reading)
Other skills and competences	Repair of household appliances, dwelling and work facilities repairs, football (amateur)
Driving licence	B category

Additional information	- At the final national exam of the high school I obtained the highest average at the mathematics (10/10);
	- The results of my PhD thesis allowed the **CUM LAUDE** distinction granting by the public support commission members as well as **C.N.A.T.D.C.U.** acknowledgement;
	- 2012 – present - Member of the Quality Committee of the Constantin Brancusi University from Targu-Jiu;
	- Member of the Society of Mathematic Sciences in Romania;
	- Member in the trans-disciplinary professional society *The International Federation of Nonlinear Analysts (IFNA) http://research.fit.edu/ifna/show.php (2008,2009);*
	- Research Fellow, West University of Timisoara, Department of Mathematics, 2009-2011.

Reviewer for the following journals:

- British Journal of Mathematics & Computer Science;
- Journal of Mathematical Analysis and Applications;
- Ain Shams Engineering Journal;
- Applied Mathematics Letters;
- Surveys in Mathematics and its Applications;
- Applicable Analysis;
- Applied Mathematical Modelling;
- Zeitschrift fuer Angewandte Mathematik und Physik;
- Mathematical Communications.

Editorial activity:

1) ***Press President for „Academica Brâncuşi" Press***
   http://www.utgjiu.ro/editura

2) ***Member of the Editorial Board of Surveys in Mathematics and its Applications.***
   http://www.utgjiu.ro/math/sma/index.html

3) ***Member of the Editorial Board of British Journal of Mathematics & Computer Science.***
   http://www.sciencedomain.org/editorial-board-members.php?id=6

4) ***Guest Editor for open special issue: Complex boundary value problems of nonlinear differential equations: theory, computational methods and applications that will be published by the Abstract and Applied Analysis.***
   http://www.hindawi.com/journals/aaa/si/687432/cfp/

<table>
<tr><td>**Annexes**</td><td>**References:**</td></tr>
</table>

Annexes	**References:** - University Professor PhD Mihail Megan, West University of Timişoara; - University Professor PhD Alexandru Dincă, University of Craiova (retired); - University Professor PhD Miodrag Iovanov, University Constantin Brâncuşi of Tg-Jiu; - University Professor PhD Mădălina Roxana Buneci, University Constantin Brâncuşi of Tg-Jiu
Organizer:	**Research activity and professional development:** - Co-organizer to the workshop *Operator Models and Applications-OMA 2006*, Timişoara 29 june 29 - july 4, 2006. http://www.utgjiu.ro/math/nou/OMA2006.pdf - Organizer to the session "*Contributions of PhD students (and post-doctoral researchers)*" from the 8th International Conference on "Mathematical Problems in Engineering, Aerospace and Sciences," to be held at INPE (National Institute for Space Research), Sao Jose dos Campos (SP), Brazil, during June 30 - July 3, 2010. http://icnpaa.com/index.php/icnpaa/2010/schedConf/trackPolicies - Chair to a section of the GENERAL SESSION at ICNPAA 2012 Congress Vienna University of Technology, Vienna, Austria, July 10, 2012 – July 14, 2012. http://icnpaa.com/index.php/icnpaa/2012/schedConf/presentations

A description of the mathematical background of the candidate

a) Published articles:

Publications in ISI Journals:

The article title	Journal	Author	Year
Existence and asymptotic behavior of positive solution to a quasilinear elliptic problem in R^{N}	*Nonlinear Analysis: Theory, Methods & Applications, Volume 69, Issue 8, 15 October 2008, Pages 2615-2622.*	Dragoş-Pătru Covei	2008
Non-existence result for radially symmetric solutions to the Lane-Emden-Fowler equations	*Nonlinear Analysis: Theory, Methods & Applications , Volume 70, Issue 1, 1 January 2009, Pages 563-566.*	Dragoş-Pătru Covei	2009
A Lane-Emden-Fowler Type Problem With Singular Nonlinearity	*Journal of Mathematics of Kyoto University, Volume 49, No. 2, 2009.*	Dragoş-Pătru Covei	2009
Large and Entire Large Solution for a Quasilinear Problem	*Nonlinear Analysis: Theory, Methods & Applications, Volume 70, Issue 4, 15 February 2009, Pages 1738-1745.*	Dragoş-Pătru Covei	2009
Existence and uniqueness of solutions for the Lane, Emden and Fowler type problem	*Nonlinear Analysis: Theory, Methods & Applications, 72 (2010) 2684-2693.*	Dragoş-Pătru Covei	2010
Existence of entire radially symmetric solutions for a quasilinear system with d-equations	*Hacettepe Journal of Mathematics and Statistics, Volume 40 (3) (2011), 433 – 439.*	Dragoş-Pătru Covei	2011
Radial and nonradial solutions for a semilinear elliptic system of Schrödinger type	*Funkcialaj Ekvacioj - Serio Internacia, Volume 54, Pages 439-449, 2011.*	Dragoş-Pătru Covei	2011
Sufficient conditions for the	*International Journal of Computer Mathematic,*	Dragoş-Pătru	2011

The article title	Journal	Author	Year
existence and asymptotic behavior of solution to a quasilinear elliptic problem	*Volume 88, Issue 12, pages 2637-2647 2011.*	Covei	
Existence results for a quasilinear elliptic problem with a gradient term via shooting method	*Applied Mathematics and Computation, Volume 218, Issue 8, 15 December 2011, Pages 4161-4168*	Dragoş-Pătru Covei	2011
Non-existence criterias for solutions of the Lane–Emden–Fowler system	*Applied Mathematics Letters, Volume 25, Issue 3, March 2012, Pages 610-613*	Dragoş-Pătru Covei	2012
Schrodinger systems with a convection term for the (p1,...,pd)-Laplacian in RN	*Electronic Journal of Differential Equations, Vol. 2012 (2012), No. 67, pp. 1-13.*	Dragoş-Pătru Covei	2012
Quasilinear problems with the competition between convex and concave nonlinearities and variable potentials	*International Journal of Mathematics, DOI: 10.1142/S0129167X13500055, Accepted: 08 December 2012.*	Dragoş-Pătru Covei	2012

Publications in ISI Conference Proceedings:

The article title	Journal	Author	Year
On The Existence Of A Solution To A Quasilinear Elliptic System Of The Lane, Emden And Fowler Type, ICNPAA 2012 Congress, Vienna University of Technology, Vienna, Austria July 10, 2012-July 14, 2012.	*AIP (American Institute of Physics) Conf. Proc. 1493, pp. 252-255; doi:http://dx.doi.org/10.1063/1.4765497 (4 pages)* *9TH INTERNATIONAL CONFERENCE ON MATHEMATICAL PROBLEMS IN ENGINEERING, AEROSPACE AND SCIENCES: ICNPAA 2012*	Dragoş-Pătru Covei	2012
On The Existence And Non-Existence Of Radially Symmetric Solutions Of A System Of Schrodinger Type, ICNPAA 2012 Congress, Vienna University of Technology, Vienna, Austria July 10, 2012-July 14, 2012.	*AIP (American Institute of Physics) Conf. Proc. 1493, pp. 256-263; doi:http://dx.doi.org/10.1063/1.4765498 (8 pages)* *9TH INTERNATIONAL CONFERENCE ON MATHEMATICAL PROBLEMS IN ENGINEERING, AEROSPACE AND SCIENCES: ICNPAA 2012*	Dragoş-Pătru Covei	2012

Other Publications

The article title	Journal	Author	Year
Existence and uniqueness of positive solutions to a quasilinear elliptic problem in R^{N}	*Electronic Journal of Differential Equations*, Vol. 2005(2005), No. 139, Pages 1-15. Articles are indexed by Math Reviews and by Zentralblatt für Mathematik. http://ejde.math.txstate.edu/	Dragoş-Pătru Covei	2005
A remark to a quasilinear problem in R\{N}	*Proceedings of MENP-4 (4th International Colloquium Mathematics in Engineering and Numerical Physic)*, pp. 193-196, 978-973-718-761-1, Bucureşti, October 2006	Dragoş-Pătru Covei	2006
Existence of solutions to quasilinear elliptic problems with boundary blow-up	*Analele Universităţii din Oradea*, Fascicola Matematica, Tom XVII (2010), Issue no. 1, 77-84. *The journal is covered in: MATHEMATICAL REVIEWS / ZENTRALBLATT FUR MATHEMATIK*	Dragoş-Pătru Covei	2010

	http://stiinte.uoradea.ro/en/auofm.htm		
Some uniqueness results for the elliptic type problems with boundary blow-up,	*Annals of the Constantin Brancusi University of Targu-Jiu*, 1842-4856, 2010. *http://www.utgjiu.ro/revista/?lang=en*	Dragoş-Pătru Covei	2010
Existence result for a class of differential equations with dirichlet boundary conditions	*Fiabilitate si Durabilitate - Fiability & Durability* Supplement no 1/2010, 1844 – 640X http://www.utgjiu.ro/rev_mec/?s=mecanica	Dragoş-Pătru Covei	2010
Existence and asymptotic behavior of solution to a singular elliptic problem	*Surveys in Mathematics and its Applications*, ISSN 1842-6298 (electronic), 1843-7265 (print) Volume 6 (2011), 127 { 136} The articles of this journal are indexed/reviewed in: MathSciNet (Mathematical Reviews), Zentralblatt MATH, Open J-Gate, Genamics JournalSeek, Directory of Open Access Journals (SPARC Europe Seal for Open Access Journals), Intute, EMIS ELibM, AMS Digital Mathematics Registry and EBSCO. http://www.utgjiu.ro/math/sma/	Dragoş-Pătru Covei	2011
Existence Theorems for a Singular Elliptic Problem	*Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity,* ISSN 1584-4536, vol 9, 2011, pp. 3–12. The journal is reviewed in Zentralblatt fur Mathematik of the European Mathematical Society (EMS), in the Mathematical Reviews of the American Mathematical Society (see also http://www.ams.org/msnhtml/serials.pdf) and is CNCSIS Ranked B+. http://www.atps.utcluj.ro/journal/	Dragoş-Pătru Covei	2011

b) **My articles have been cited in:**

No	Article	Citation
1.	*Existence and asymptotic behavior of positive solution to a quasilinear elliptic* problem in R^N, *Nonlinear Analysis: Theory, Methods & Applications*, Volume 69, Issue 8, 15 October 2008, Pages 2615-2622.	1. Xiaojuan Chai, Weisheng Niu, Peihao Zhao, *The existence and non-existence of positive solutions to a singular quasilinear elliptic problem in R^N*, Nonlinear Analysis: Theory, Methods & Applications, Volume 71, 1 October 2009-15 October 2009, Pages 3257-3266. (ISI Journal) 2. Qin Li & Zuodong Yang, *Existence of solutions for a class of quasilinear elliptic equations in R^N with vanishing potentials,* Applicable Analysis: An International Journal, DOI:10.1080/00036811.2012.702210. (ISI Journal) 3. Sonia Ben Othman, Rym Chemmam, and Habib Mâagli, *Asymptotic behavior of ground state radial solutions for p-laplacian problems*, Journal of Mathematics, Accepted 28 December 2012. 4. Ying Shen and Jihui Zhang, *Existence of positive entire solutions of a semilinear p–laplacian problem with a gradient term,* Differential Equations & Applications, Volume 3, Number 2 (2011), 225–233. (The contents of DEA are indexed in: Mathematical Reviews (MathSciNet); Zentralblatt MATH (ZMATH); Referativnyi Zhurnal – Matematika)
2.	*Large and entire large solution*	1. Shuibo Huang and Qiaoyu Tian, *Asymptotic behavior of large*

	for a quasilinear problem, Nonlinear Analysis: Theory, Methods & Applications, Volume 70, Issue 4, 15 February 2009, Pages 1738-1745	*solutions to p-Laplacian of Bieberbach Rademacher type*, Nonlinear Analysis: Theory, Methods & Applications, Volume 71, Issue 11, 1 December 2009, Pages 5773-5780. (ISI Journal) 2. Junli Yuan and Zuodong Yang, *Existence, non-existence and asymptotic behavior of blow-up entire solutions of quasilinear elliptic equations*, Complex Variables and Elliptic Equations, Volume 54, Issue 1, January 2009, pages 41 – 55. (ISI Journal) 3. X. Zhang, *A necessary and sufficient condition for the existence of large solutions to "mixed" type elliptic systems*, Applied Mathematics Letters, Volume 25, Issue 12, December 2012, Pages 2359-2364. 4. *Yongju Yang and Xinguang Zhang, Entire Blow-Up Solutions of Semilinear Elliptic Systems with Quadratic Gradient Terms, Abstract and Applied Analysis, Volume 2012, Article ID 697565, 15 pages, doi:10.1155/2012/697565 (ISI Journal)* 5. Jiazheng Zhou, *Soluçoes Tipo Blow-Up para Equaçoes Elıpticas Quasilineares com Termo Semilinear Satisfazendo a Condiçao de Keller-Osserman*. Tese (doutorado)-Universidade de Brasília, Instituto de Ciências Exatas, Departamento de Matemática, 2010. *(Doctoral Thesis)*
3.	*Existence and uniqueness of solutions for the Lane, Emden and Fowler type problem*, Nonlinear Analysis: Theory, Methods & Applications, 72 (2010) 2684-2693	1. J.-F. Bercher, *On a (β, q)-generalized Fisher information and inequalities involving q-Gaussian distributions,* Journal of Mathematical Physics, Volume 53 , Issue 6 , 063303 (2012); http://dx.doi.org/10.1063/1.4726197. *(ISI Journal)* 2. M. Benrhouma, Study of quasilinear elliptic equation in RN, Communications on Applied Nonlinear Analysis, Volume 18, Number 1, January 2011, pp. 79-97. *(Abstracted, indexed, and reviewed by Mathematical Reviews, Scopus/Elsevier, Zentralblatt für Mathematik)*
4.	*Existence and asymptotic behavior of solution to a singular elliptic problem*, Surveys in Mathematics and its Applications, Volume 6 (2011), pp. 127 – 136	1. W. Zhou, X. Wei and X. Qin, *Nonexistence of solutions for singular elliptic equations with a quadratic gradient term*, Nonlinear Analysis 75 (2012) 5845–5850. *(ISI Journal)*
5.	*Existence of entire radially symmetric solutions for a quasilinear system with d-equations,* Hacettepe Journal of Mathematics and Statistics, Volume 40 (3) (2011), 433 .439.	1. X. Zhang, *A necessary and sufficient condition for the existence of large solutions to "mixed" type elliptic systems*, Applied Mathematics Letters, Volume 25, Issue 12, December 2012, Pages 2359-2364. *(ISI Journal)* 2. *Yongju Yang and Xinguang Zhang, Entire Blow-Up Solutions of Semilinear Elliptic Systems with Quadratic Gradient Terms, Abstract and Applied Analysis, Volume 2012, Article ID 697565, 15 pages, doi:10.1155/2012/697565 (ISI Journal)*
6.	*Radial and nonradial solutions for a semilinear elliptic system of Schrödinger type*, Funkcialaj Ekvacioj - Serio Internacia. Volume 54, Pages 439-449, 2011	1. X. Zhang, *A necessary and sufficient condition for the existence of large solutions to "mixed" type elliptic systems*, Applied Mathematics Letters, Volume 25, Issue 12, December 2012, Pages 2359-2364. *(ISI Journal)* 2. *Yongju Yang and Xinguang Zhang, Entire Blow-Up Solutions of Semilinear Elliptic Systems with Quadratic Gradient Terms, Abstract and Applied Analysis, Volume 2012, Article ID 697565, 15 pages, doi:10.1155/2012/697565 (ISI Journal)*

7.	Non-existence result for radially symmetric solutions to the Lane-Emden-Fowler equations, Nonlinear Analysis: Theory, Methods & Applications , Volume 70, Issue 1, 1 January 2009, Pages 563-566	1. M. Benrhouma, *Study of quasilinear elliptic equation in RN, Communications on Applied* Nonlinear Analysis, Volume 18, Number 1, January 2011, pp. 79-97. *(Abstracted, indexed, and reviewed by Mathematical Reviews, Scopus/Elsevier, Zentralblatt für Mathematik)*
8.	D.P. Covei, Existence and uniqueness of positive solutions to a quasilinear elliptic problem in R^{N}, Electronic Journal of Differential Equations, Vol. 2005(2005), No. 139, Pages 1-15.	1. Manuel Amzoiu, Blow-up boundary solutions for quasilinear anisotropic equations, An. St. Univ. Ovidius Constanta, Vol. 18(1), (2010) 35–48. (ISI Journal) 2. Jose Valdo Goncalves and Fernando Kennedy da Silva, Solutions of quasilinear elliptic equations in RN decaying at infinity to a non-negative number, Complex Variables and Elliptic Equations, 55 (5-6) , pp. 549-571, 2011. (ISI Journal) 3. Siegfried Carl and Kanishka Perera, Generalized solutions of singular p-Laplacian problems in RN, Nonlinear Studies, 18 (1) (2011), Pages 113-124. (The articles of Nonlinear Studies are indexed/reviewed in the following databases/resources: All-Russian Institute for Scientific and Technical, EBSCO - Academic Search (Alumni Edition, Complete, Elite & Premier), Google Scholar, Mathematical Reviews, MathSciNet, Scopus, ZentralBlatt MATH)
9.	D.P. Covei, Existence of solutions to quasilinear elliptic problems with boundary blow-up, *Analele Universităţii din Oradea*, Fascicola Matematica, Tom XVII (2010), Issue no. 1, 77-84.	1. F. Demengel and O. Goubet, Existence of boundary blow up solutions for singular or degenerate fully nonlinear equations, Communications on Pure and Applied Analysis (CPAA), Pages: 621 - 645, Issue 2, March 2013. (Journal ISI)
10.	D.-P. Covei, Schrodinger systems with a convection term for the (p1,...,pd)-Laplacian in RN, Electronic Journal of Differential Equations, Volume 2012, No. 67, Pages 1-13.	1. Yongju Yang and Xinguang Zhang, Entire Blow-Up Solutions of Semilinear Elliptic Systems with Quadratic Gradient Terms, Abstract and Applied Analysis, Volume 2012, Article ID 697565, 15 pages, doi:10.1155/2012/697565 (ISI Journal).

c) Participation to the conferences:

The comunication title	Conference	Author	Year and Web Page
A few results about the p-Laplace's operator	International Conference on Theory and Applications of Mathematics and Informatics ICTAMI 2005, September 15 - 18, 2005, *Alba Iulia, Romania*.	Dragoş-Pătru Covei	2005, http://www.uab.ro/ictami/ *ictami_2005/index.htm*
Existence of positive solutions to a semilinear	International Conference - Several aspects of biology,	Dragoş-Pătru Covei	2005 http://www.h-net.org/announce/ show.cgi?ID=144955

problems	chemistry, computer science, mathematics and physics, November 11-13, 2005, *Oradea, Romania*		
Semilinear and Quasilinear Problem (with financial support from the organizers)	Discontinuous change in behavior issues in partial differential equations-<u>Euroconference</u> in Crete, Academic Village of Anogia, *Anogia, Crete*, June 10-16, 2006	Dragoş-Pătru Covei	2006 <u>http://www.tem.uoc.gr/~creteconf2006/speakers.html</u>
A remark to a quasilinear pro-blem in R^N	<u>MENP-4</u> (4th <u>International Colloquium Mathematics</u> in Engineering and Numerical Physics), *Bucuresti, Romania*, October 6-8, 2006.	Dragoş-Pătru Covei	2006 <u>http://fsa.pub.ro/conferinte/MENP4-2006.htm</u>
A problem with differential equa-tions	<u>OMA</u> 2006 (Operator Models and Applications), *Timisoara, Romania*, 29 june-4 july , 2006.	Dragoş-Pătru Covei	2006 <u>http://www.utgjiu.ro/math/</u> nou/OMA2006.pdf
Existence Results for Semilinear Elliptic Boundary Value Problems	<u>Equadiff 2007</u>, Vienna University of Technology, *Vienna, Austria*, August 5-11, 2007.	Dragoş-Pătru Covei	2007 <u>http://atlas-conferences.com/c/a/u/m/01.htm</u>
Existence and asymptotic behavi-or of solution to a quasilinear singu-lar elliptic problem	<u>6th European Conference</u> on Elliptic and Parabolic Problems, *Gaeta, Italy,* May 25-29, 2009.	Dragoş-Pătru Covei	2009 <u>http://www.math.uzh.ch/fileadmin/math/</u> events/gaeta2009/Pub_abstracts.pdf

Existence of solutions to quasilinear elliptic problems with boundary blow up	International Conference of Sciences 2009, Mathematics and Computer Science Session, Baile Felix, Oradea, Romania, from 12-14 November 2009.	Dragoş-Pătru Covei	2009 http://stiinte.uoradea.ro/conf2009/internationala/ICS2009.html
Necessary and sufficient conditions for solutions of a quasilinear system with d-equations	International Conference on Advances in Optimization and Related Topics, 29 November-3 December 2010, Centre de Recerca Matematica, *Bellaterra, Barcellona*.	Dragoş-Pătru Covei	2010 http://www.crm.cat/adort2010/
A Lane-Emden-Fowler type problem	ICNPAA 2010 World Congress, June 30, 2010 – July 3, *Brazil*, 2010.	Dragoş-Pătru Covei	2010 http://icnpaa.com/index.php/icnpaa/2010/ schedConf/trackPolicies
Existence of positive solution of a Klein-Gordon type equation	Alexandru Myller Mathematical Seminar Centennial Conference on June 21-26, 2010.	Dragoş-Pătru Covei	2010 http://www.math.uaic.ro/~Myller2010/
Existence theorems for a singular elliptic problem	International Conference on Nonlinear Operators, Differential Equations and Applications - ICNODEA, July 5-8, 2011, Cluj-Napoca, Romania	Dragoş-Pătru Covei	2011 http://www.cs.ubbcluj.ro/~icnodeacj/index.htm
On The Existence Of A Solution To A Quasilinear Elliptic System Of The Lane,	ICNPAA 2012 Congress, Vienna University of Technology, Vienna, Austria July 10, 2012-	Dragoş-Pătru Covei	2012 http://icnpaa.com/index.php/icnpaa/2012

Emden And Fowler Type	July 14, 2012.		
On The Existence And Non-Existence Of Radially Symmetric Solutions Of A System Of Schrodinger Type	ICNPAA 2012 Congress, Vienna University of Technology, Vienna, Austria July 10, 2012- July 14, 2012.	Dragoş-Pătru Covei	2012 http://icnpaa.com/index.php/icnpaa/2012

d) Member of the following research grants:

1. ***Generalized groupoid morphisms*** grant CEEX (Excellence research projects for young researchers) from the Romanian Ministry of Education and Research, cod ET 65/2005, contract no. 2987/11.10.2005 (Director of the project Assoc. Prof. Madalina Roxana Buneci, University Constantin Brancusi of Targu-Jiu).

*2. **Promoting of scientific research on the theme: Operator Models and Applications*** grant CEEX- Modulul III –contract 69/2006; (Director of the project: Assoc. Prof. Dan Popovici (Universitatea de Vest din Timisoara).

*3. **Advanced Research Studies on the Asymptotic Behavior of Evolution Equations*** PN II ID 1080, (2009—2011), according to the CNCSIS decision on 2.12.2008; (Director of the project Prof. Mihail Megan – West University of Timisoara).

e) Summer school (with financial support from the organizers):
    1.PDE from Geometry, University of Cologne, Germany, July 21--25, 2008.
www.mi.uni-koeln.de/~gk/school08/
    2.Fifth Summer School in Analysis and Applied Mathematics, Dipartimento di Matematica "Guido Castelnuovo" Universita' di Roma "La Sapienza", Piazzale Aldo Moro, Roma, Rome June 1-5, 2009.
http://www.mat.uniroma1.it/people/garroni/School2009.html

e) Prizes and Awards:
- ✓ At the 2005 International Conference - Several aspects of biology, chemistry, computer science, mathematics and physics (November 11-13, 2005, Oradea, Romania), Best Student Paper award has been assigned to me.
- ✓ Paper award by the National Research Council: D.-P. Covei, Existence and asymptotic behavior of positive solution to a quasilinear elliptic problem in R^{N}, Nonlinear Analysis: Theory, Methods & Applications, Volume 69, Issue 8, 15 October 2008, Pages 2615-2622.
- ✓ The results of my PhD thesis allowed the CUM LAUDE distinction granting by the public support commission members as well as C.N.A.T.D.C.U. acknowledgement.
- ✓ Paper award by the National Research Council: D.-P. Covei, Non-existence result for radially symmetric solutions to the Lane-Emden-Fowler equations, Nonlinear Analysis: Theory, Methods & Applications, Volume 70, Issue 1, 1 January 2009, Pages 563-566.
- ✓ Paper award by the National Research Council: D.-P. Covei, A Lane-Emden-Fowler Type Problem With Singular Nonlinearity, Journal of Mathematics of Kyoto University, Volume 49, Number 2 (2009), Pages 325-338.
- ✓ Paper award by the National Research Council: D.-P. Covei, Large and Entire Large Solution for a Quasilinear Problem, Nonlinear Analysis: Theory, Methods & Applications, Volume 70, Issue 4, 15 February 2009, Pages 1738-1745.

- ✓ Paper award by the National Research Council: D.-P. Covei, Existence and uniqueness of solutions for the Lane, Emden and Fowler type problem, Nonlinear Analysis: Theory, Methods & Applications, Volume 72, Issue 5, 1 March 2010, Pages 2684-2693.
- ✓ Excellence Diploma of the Constantin Brâncuşi University of Târgu-Jiu: Best Young Researcher of 2011.

Teaching Assistant Dragoş-Pătru Covei, PhD
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