europass

Curriculum vitae Europass

Informaţii personale

Nume / Prenume	Precup Radu

Locul de muncă vizat / Domeniul ocupaţional	**UBB, Facultatea de Matematica si Informatica**

Experienţa profesională

Perioada	1980-1987
Funcţia sau postul ocupat	Profesor de liceu
Activităţi şi responsabilităţi principale	
Numele şi adresa angajatorului	Leceul Traian Vuia Cluj-Napoca si Liceul de Informatica Cluj-Napoca
Tipul activităţii sau sectorul de activitate	

Perioada	1987-prezent
Funcţia sau postul ocupat	Asistent (1987-1990), lector (1990-1994), conf. (1994-1998), prof. (din 1998)
Activităţi şi responsabilităţi principale	2000-: Ph. D. superviser 2002-2009: Head of the Chair of Differential Equations 2004-2009: Director of the Department of Applied Mathematics 2009-2011: Director of the Department of Mathematics 2013- : Director of the Doctoral School of Mathematics and Informatics
Numele şi adresa angajatorului	UBB, Fac. Mat. Inf.
Tipul activităţii sau sectorul de activitate	

Educaţie şi formare

Perioada	1975-1979
Calificarea / diploma obţinută	Licenta in matematica

Disciplinele principale studiate / competenţe profesionale dobândite	Matematica
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	UBB, Fac. Mat. Inf.
Nivelul în clasificarea naţională sau internaţională	
Perioada	1979-1980
Calificarea / diploma obţinută	Diploma de studii avansate (anul V specializare)
Disciplinele principale studiate / competenţe profesionale dobândite	Analiza numerica
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	UBB, Fac. Mat. Inf.
Perioada	1980-1985
Calificarea / diploma obţinută	Diploma de doctor in matematica
Disciplinele principale studiate / competenţe profesionale dobândite	
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	UBB, Fac. Mat. Inf.
Nivelul în clasificarea naţională sau internaţională	
Perioada	1990-1991
Calificarea / diploma obţinută	Stagiu postdoctoral
Disciplinele principale studiate / competenţe profesionale dobândite	Ecuatii cu derivate partiale; analiza neliniara
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea Paris VI
Nivelul în clasificarea naţională sau internaţională	
Limba(i) străină(e) cunoscută(e)	**Engleza, franceza**

Autoevaluare	Înţelegere				Vorbire				Scriere	
Nivel european (*)	Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă	
en	Fb		fb		b		B		fb	
fr	Fb		fb		fb		Fb		b	

(*) Nivelul Cadrului European Comun de Referinţă Pentru Limbi Străine

Competenţe şi abilităţi sociale	
Competenţe şi aptitudini organizatorice	Organizare conferinte internationale
Competenţe şi aptitudini tehnice	

Competenţe şi aptitudini de utilizare a calculatorului	Tehnoredactare computationala; Maple
Competenţe şi aptitudini artistice	
Alte competenţe şi aptitudini	
Permis(e) de conducere	Da
Informaţii suplimentare	
Anexe	.Lista de publicaţii (adresa Web) http://math.ubbcluj.ro/~r.precup/LP.pdf

Publicaţii, alte rezultate ale activităţii didactice şi de cercetare ştiinţifică	Număr
Cărţi, monografii, materiale de studiu	7
Articole în reviste cotate ISI	53
Articole în ISI proceedings	
Alte articole	100
Participări la conferinţe internaţionale	peste 45
Participări la conferinţe interne	peste 20
Membru în comitete de organizare sau ştiinţifice ale unor conferinţe	peste 30
Brevete de invenţie	
Alte rezultate (denumirea)	

Data:

11 noiembrie 2015

Semnătura:

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1. **Domenii de interes ştiinţific:**

ecuatii diferentiale; ecuatii cu derivate partiale; analiza neliniara

2. **Limbi străine cunoscute:**

engleza; franceza

3. **Alte diplome şi gradaţii**

1. Premiul UBB pentru carte, 2001
2. Diploma de excelenta stiintifica UBB, 2002
3. Premiul UBB pentru cercetare stiintifica, 2009
4. Diploma UBB "Personality of Excellence", 2010.
5. Premiul de Excelenta Didactica - Facultatea de Matematica si Informatica, 2012.
6. Premiul de Excelenta Stiintifica, Facultatea de Matematica si Informatica, 2015.
7. Crystal Prize "The Best Paper", Univ. Ruse/Bulgaria, 2015.

4. **Alte funcţii deţinute**

1. sef catedra 2004-2009;
2. director departament 2005-2011;
3. director scoala doctorala 2012-;
4. membru in comisia CNATDCU pentru confirmarea titlurilor de profesor universitar etc., 2006-2012.

5. **Membru în organizaţii ştiinţifice şi profesionale**

1. SSMR;
2. AMS;
3. RGMIA (Australia).

6. **Brevete, invenţii, aplicaţii soft**

7. **Activitate didactică**

Cursuri de baza si speciale de ecuatii diferentiale; ecuatii cu derivate partiale; matematica aplicata; analiza neliniara.

8. **Activităţi de coordonare ştiinţifică şi didactică**

Conducator de doctorat din 2000; 10 doctori in matematica; coordonator Seminarul de Cercetare: Operatori neliniari si ecuatii diferentiale

9. **Membru în comitete de organizare sau ştiinţifice ale unor conferinţe internaţionale**

1. ICNODEA Cluj, 2001 si 2004 (co-organizator); 2007, 2011, 2015 (organizator)
2. Mini-symposium „Analyse non-lineaire", 8ieme Colloque Franco-Roumain Chambery, France, 2006.
3. Seminarul Angheluta 2006, 2008, 2013.
4. ICAM Baia Mare, 2006, 2008, 2011, 2013.
5. ICFPTA-2012, Cluj-Napoca
6. Colloque Franco-Roumain, Poitiers, 2010 (comitetul stiintific)

7. Int. Conf. Non-Euclidian Geometry and Its Applications, 7-th Bolyai-Gauss-Lobachevsky Conf. Cluj, 2010 (comitetul stiintific)
8. Conference on Anatolian Communications in Nonlinear Analysis (ANCNA-2013), Bolu, Turkey, 2013 (comitetul stiintific).
9. The Eighth Congress of Romanian Mathematicians, Iasi, 2015 (comitetul stiintific).
10. 5th International Conference on Mathematics and Informatics, September 2-4, 2015 Târgu Mureş, Romania (comitetul stiintific).

10. Membru în comitete de organizare sau ştiinţifice ale unor conferinţe naţionale

1. Seminarul Tiberiu Popoviciu Cluj, 2003-2010.

11. Membru in comitetul de redacţie sau referent la reviste ISI

1. membru in Editorial Board al revistei ISI: Journal of Inequalities and Applications (Springer);
2. deputy editor in chief al revistei ISI: Fixed Point Theory;
3. membru in Editorial Board al revistei ISI: Carpathian Journal of Mathematics

12. Membru in comitetul de redacţie sau referent la reviste BDI

1. redactor-sef al revistei BDI: Studia Univ. Babes-Bolyai Math.;
2. editor al revistei BDI: Annals of the Tiberiu Popoviciu Seminar.
3. membru in Editorial Board: Mathematics in Engineering, Science and Aerospace- MESA (Cambridge Scientific Publishers).
4. Discussiones Mathematicae Differential Inclusions, Control and Optimization (Polonia).

13. Membru in comitetul de redacţie sau referent la reviste naţionale

14. Editor de volume publicate în edituri internaţionale

15. Editor de volume publicate în edituri naţionale

1. Seminaire de la Theorie de la Meilleure Approximation, Convexite et Optimisation, Editura Srima, Cluj, 2000, 2001, 2002 (membru al Colegiului de redactie)

16. Alte activităţi editoriale

1. Recenzent la Mathematical Review
2. Recenzent la Zentralblatt Math
3. Recenzent la numeroase reviste internationale
4. Recenzent la editurile Springer, Hindawi

17. Articole publicate în reviste cotate ISI

1. R. Precup, On the topological transversality principle, Nonlinear Anal. 20 (1993), 1-9. MR: 94a:58028.
2. R. Precup, On some fixed point theorems of Deimling, Nonlinear Anal. 23 (1994), 1315-1320. MR: 96b:47059.
3. R. Precup, A Granas type approach to some continuation theorems and periodic boundary value problems with impulses, Topol. Methods Nonlinear Anal. 5 (1995), 385-396. MR: 97a:34028
4. R. Precup, Existence theorems for nonlinear problems by continuation methods, Nonlinear Anal. 30 (1997), 3313-3322. MR: 99a:47097.
5. R. Precup, Discrete continuation methods for boundary value problems on bounded sets in Banach spaces, J. Comput. Appl. Math. 113 (2000), 267-281.
6. D. O'Regan, R. Precup, Fixed point theorems for set-valued maps and existence principles for integral inclusions, J. Math. Anal. Appl. 245 (2000), 594-612. MR :2001b:47112.
7. R. Precup, On the Palais-Smale condition for Hammerstein integral equations in Hilbert spaces, Nonlinear Anal. 47 (2001), 1233-1244. Zbl 1042.47530.
8. D. O'Regan, R. Precup, Existence criteria for integral equations in Banach spaces, J. Inequal. Appl. 6 (2001), 77-97. MR 2003c:45007, Zbl 0993.45011.
9. D. O'Regan, R. Precup, Integrable solutions of Hammerstein integral inclusions in Banach spaces, Dynamics Cont. Discrete Impuls. Systems, Series A 9 (2002), 165-176. MR 1898309, Zbl 1022.45007.
10. R. Precup, Fixed point theorems for decomposable multi-valued maps and applications, Zeit. Anal. Anwendungen 22 (2003), 843-861.
11. R.P. Agarwal, M. Meehan, D. O'Regan, R. Precup, Location of nonnegative solutions for differential equations on finite and semi-infinite intervals, Dynamic Systems Appl. 12 (2003), 323-332. MR 2020470, Zbl pre02061133.
12. J-F. Couchouron, M. Kamenski, R. Precup, A nonlinear periodic averanging principle, Nonlinear Anal. 54 (2003), 1439-1467. MR 1997229, Zbl 1034.34074.
13. R. Agarwal, D. O'Regan, R. Precup, Fixed point theory and generalized Leray-Schauder alternatives for approximable maps in topological vector spaces, Topol. Methods Nonlinear Anal. 22, no. 1 (2003), 193-202. MR 2037275, Zbl pre02096725.
14. D. O'Regan, R. Precup, Existence theory for nonlinear operator equations of Hammerstein type in Banach} spaces, Dynamic Systems Appl. 14 (2005), 121-134.
15. D. O'Regan, R. Precup, Compression-expansion fixed point theorem in two norms and applications, J. Math. Anal. Appl. 309 (2005), 383-391.
16. R.P. Agarwal, D. O'Regan, R. Precup, Boundary value problems arising in the percolation of water from a cylindrical reservoir into the surrounding soil, Nonlinear Analysis: Real World Applications 6 (2005), 123-131, MR 2104546.
17. R.P. Agarwal, D. O'Regan, R. Precup, Construction of upper and lower solutions with applications to singular boundary value problems, J. Comput. Anal. Appl. 7 (2005), 205-221.
18. D. O'Regan, R. Precup, Positive solutions of nonlinear systems with p-Laplacian on finite and semi-infinite intervals, Positivity 11 (2007), no. 3, 537-548.
19. R. Ma, D. O'Regan, R. Precup, Fixed point theory for admissible pairs and maps in Frechet spaces via degree theory, Fixed Point Theory 8 (2007), No. 2, 273-283.

20. A. Boucherif, R. Precup, Semilinear evolution equations with nonlocal initial conditions, Dynamic Systems Appl. 16 (2007), 507-516.
21. J-F. Couchouron, R. Precup, Homotopy method for positive solutions of p-Laplace inclusions, Topological Methods Nonlinear Anal. 30 (2007), no. 1, 157-169.
22. R.P. Agarwal, D. O'Regan, R. Precup, Nonuniform nonresonance for nonlinear boundary value problems with y' dependence, Dynamic Systems Appl. 16 (3) (2007), 587-594.
23. R.P. Agarwal, D. O'Regan, R. Precup, Domain invariance theorems for contractive type maps, Dynamic Systems Appl. 16 (3) (2007), 579-586.
24. R. Precup, A compression type mountain pass theorem in conical shells, J. Math. Anal. Appl. 338 (2008), 1116-1130.
25. D. Muzsi, R. Precup, Nonresonance and existence for systems of nonlinear operator equations, Applicable Analysis 87 (2008), no. 9, 1005-1018.
26. T. Moussaoui, R. Precup, Existence results for semilinear elliptic boundary value problems via topological methods, Appl. Math. Letters 22 (2009), 126-129.
27. R. Precup, The role of matrices that are convergent to zero in the study of semilinear operator systems, Math. Comp. Modelling 49 (2009), 703-708.
28. R. Precup, Existence, localization and multiplicity results for positive radial solutions of semilinear elliptic systems, J. Math. Anal. Appl. 352 (2009), 48-56.
29. R. Precup, The Leray-Schauder condition in critical point theory, Nonlinear Anal. 71 (2009), 3218-3228.
30. A. Chis, R. Precup, I.A. Rus, Data dependence of fixed points for non-self generalized contractions, Fixed Point Theory 10 (2009), No.1, 73-87.
31. P. Jebelean, R. Precup, Solvability of p,q-Laplacian systems with potential boundary conditions, Appl. Anal. 89 (2010), 221-228. ISI IF 0.613.
32. A. Cucuianu, R. Precup, A hypothetical-mathematical model of acute myeloid leukemia pathogenesis, Comput. Math. Methods Med. 11 (2010), 49-65.
33. R. Precup, Two positive solutions of some singular boundary value problems, Anal. Appl. Singap. 8 (2010), 305-314. ISI IF 1.282.
34. R. Precup, A. Viorel, Existence results for systems of nonlinear evolution inclusions, Fixed Point Theory 11(2010), No. 2, 337-346.
35. R. Precup, Two positive nontrivial solutions for a class of semilinear elliptic variational systems, J. Math. Anal. Appl. 373 (2011), 138-146.
36. P. Jebelean, R. Precup, Poincare inequalities in reflexive cones, Appl. Math. Letters 24 (2011), 359-363.
37. S. Budisan, R. Precup, Positive solutions of functional-differential systems via the vector version of Krasnoselskii's fixed point theorem in cones, Carpathian J. Math. 27 (2011), No. 2, 165-172.
38. R. Precup, S. Arghirescu, A. Cucuianu, M. Serban, Mathematical modeling of cell dynamics after allogeneic bone marrow transplantation, Int. J. Biomath. 5 (2012), No. 2, 1250026 (18 pages) doi: 10.1142/S1793524511001684.
39. R. Precup, Critical point theorems in cones and multiple positive solutions of elliptic problems, Nonlinear Anal. 75 (2012), 834-851.
40. R. Precup, D. Trif, Multiple positive solutions of non-local initial value problems for first order differential systems, Nonlinear Anal. 75 (2012), 5961-5970.
41. R. Precup, Moser-Harnack inequality, Krasnoselskii type _xed point theorems in cones and elliptic problems, Topol. Methods Nonlinear Anal. 40 (2012), 301-313

42. R. Precup, Abstract weak Harnack inequality, multiple fixed points and p-Laplace equations, J. Fixed Point Theory Appl. 12 (2012), 193-206.
43. R. Precup, Critical point localization theorems via Ekeland's variational principle, Dynamic Systems and Applications 22 (2013), 355-370.
44. O. Bolojan-Nica, G. Infante, R. Precup, Existence results for systems with coupled nonlocal conditions, Nonlinear Anal. 94 (2014), 231-242.
45. R. Precup, Multiple periodic solutions with prescribed minimal period to second-order Hamiltonian systems, Dynamical Systems: An International Journal 29 (2014), 424-438.
46. A. Novac, R. Precup, Perov type results in gauge spaces and their applications to integral systems on semi-axis, Mathematica Slovaca 64 (2014), 961-972.
47. R. Precup, Nash-type equilibria and periodic solutions to nonvariational systems, Adv. Nonlinear Anal. 3 (2014), no. 4, 197-207.
48. O. Bolojan, R. Precup, Implicit first order differential systems with nonlocal conditions, Electronic Journal of Qualitative Theory of Differential Equations 2014, no. 69, 1-13.
49. R. Precup, On the continuation method and the nonlinear alternative for Caristi-type non-self-mappings, J. Fixed Point Theory Appl. 16 (2014), 3-10.
50. A. Novac, R. Precup, Variational properties of the solutions for second-order differential equations and systems on semi-line, Numer. Funct. Anal. Optim. 36 (2015), 930-941.
51. T. Cardinali, R. Precup, P. Rubbioni, A unified existence theory for evolution equations and systems under nonlocal conditions, J. Math.Anal.Appl. 432 (2015), 1039-1057.
52. G. Infante, M. Maciejewski, R. Precup, A topological approach to the existence and multiplicity of positive solutions of (p,q)-Laplacian systems, Dynamics of Partial Differential Equations 12 (2015), no.3, 193-215.
53. R. Bunoiu, R. Precup, Vectorial approach to coupled nonlinear Schrödinger systems under nonlocal Cauchy conditions, Appl. Anal. DOI: 10.1080/00036811.2015.10289.

18. Articole publicate în ISI proceedings

19. Articole publicate în reviste internaţionale

1. R. Precup, Generalized topological transversality and existence theorems, Libertas Math. 11 (1991), 65-79. MR: 93a:54037.
2. R. Precup, Monotone approximation for an integral equation modeling infectious disease, Bull. Appl. Comput. Math. (Budapest), 86-A (1998), 419-426.
3. E. Kirr, R. Precup, Periodic solutions of superlinear impulsive differential Systems, Comm.. Appl. Anal. 3 (1999), 483-502.
4. R. Precup, Discrete continuation method for nonlinear integral equations in Banach spaces, Pure Math. Appl. 11 (2000), 375-384.
5. R. Precup, The continuation principle for generalized contractions, Bull. Appl. Comput. Math. (Budapest) 96-C (2001), 367-373.
6. J.-F. Couchouron, R. Precup, Existence principles for inclusions of Hammerstein type involving noncompact acyclic multivalued maps, Electron. J. Differential Equations 2002 (2002), no.4, 1-21. MR: 1872799, Zbl 0991.47050. 1022.45007.
7. R. Precup, An inequality which arises in the absence of mountain pass geometry, J. Inequal. Pure Appl. Math. 3 (2002), no.3, 1-10. MR 1917791, Zbl 1010.26013.

8. A. Buica, R. Precup, Abstract generalized quasiliniarization method for coincidences, Nonlinear Stud. 9 (2002), 371-387. MR 1940557, Zbl 1020.65031.
9. D. O'Regan, R. Precup, Continuation theory for contractions on spaces with two vector-valued metrics, Appl. Anal. 82 (2003), 131-144. MR\ 1966853, Zbl 1034.
10. J-F. Couchouron, R. Precup, Anti-periodic solutions for second order differential inclusions, Electron. J. Differential Equations 2004 (2004), 1-17. MR\ 93a:58028, Zbl 745.54018.
11. A. Chis, R. Precup, Continuation theory for general contractions in gauge spaces, Fixed Point Theory and Applications 2004:3 (2004), 173-185. MR\ 2096949.
12. R. Precup, Positive solutions of evolution operator equations, Austral. J. Math. Anal. Appl. 2 (2005), Issue 1, 1-10
13. Yansheng Liu, R. Precup, Positive solutions of nonlinear singular integralequations in ordered Banach spaces, Nonlinear Funct. Anal. Appl. 11 (2006), No. 3, 447-457. MR2305500.
14. R. Precup, A vector version of Krasnoselskii's fixed point theorem in cones and positive periodic solutions of nonlinear systems, J. Fixed Point Theory Appl. 2 (2007), No. 1, 141-151.
15. T. Moussaoui, R. Precup, Positive solutions for elliptic boundary value problems with a Harnack-like property, CUBO 10 (2008), no. 4, 109-117.
16. R. Precup, A. Viorel, Existence results for systems of nonlinear evolution equations, Int. J. Pure Appl. Math. IJPAM 47 (2008), no. 2, 199-206.
17. T. Moussaoui, R. Precup, Existence of solutions for second-order differential equations and systems on infinite intervals, Electron. J. Diff. Eqns, 2009(2009), No. 94, pp. 1-13.
18. A. Cucuianu, R. Precup, Mathematical models of the leukemic hematopoiesis, Ann. Tiberiu Popoviciu Semin. Funct. Equ. Approx. Convexity 7 (2009), 169-181.
19. R. Precup, D. Trif, M-A Serban, A. Cucuianu , A mathematical approach to cell dynamics before and after allogeneic bone marrow transplantation, Ann. Tiberiu Popoviciu Semin. Funct. Equ. Approx. Convexity 8 (2010), 167-175.
20. M. Manole, R. Precup, Nonlinear Schrodinger equations via fixed point principles, Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal. 18 (2011), 705-718.
21. O. Nica, R. Precup, On the nonlocal initial value problem for first order differential systems , Stud. Univ. Babeş-Bolyai Math. 56 (2011), No. 3, 113-125.
22. R. Precup, M-A Serban, D Trif, A Cucuianu, A planning algorithm for correction therapies after allogeneic stem cell transplantation, J. Math. Model. Algor. 11 (2012), No. 3, 309-323.
23. R. Precup, Mathematical understanding of the autologous stem cell transplantation, Ann. Tiberiu Popoviciu Semin. Funct. Equ. Approx. Convexity 10 (2012), 155-167.
24. R. Precup, M-A. Serban and D. Trif, Asymptotic stability for a model of cell dynamics after allogeneic bone marrow transplantation, Nonlinear Dynamics and Systems Theory 13 (1) (2013), 79-92.
25. R. Precup, On a bounded critical point theorem of Schechter, Stud. Univ. Babes-Bolyai Math. 58 (2013), No. 1, 87-95.
26. R. Precup, I.A. Rus, Some fixed point theorems in terms of two measures of noncompactness, Mathematica 56 (79) (2014), no 2, 158-165.

20. Articole publicate în volume ale unor conferinţe internaţionale cu referenţi

1. R. Precup, Topological transversality and boundary problems for second order functional differential equations, Differential Equations and Control Theory (V. Barbu ed.), Pitman Res. Notes Math. Ser., 250, Longman Sci. Tech., Harlow, 1991, 283-288.
2. E. Kirr, R. Precup, Analysis of a nonlinear integral equation modelling infection diseases, Proceedings of the International Conference on Analysis and Numerical Computation (S. Balint ed.), Timisoara 19-21 mai 1997, Universitatea de Vest, Timisoara, 1997, 178-195.
3. R. Precup, Inequalities and compactness, Inequality Theory and Applications (Y.J. Cho, J.K. Kim, S.S. Dragomir eds.), Nova Science Publishers, Huntington-New York, 2001, 257-271.
4. R. Precup, Positive solutions of semi-linear elliptic problems via Krasnoselskii type theorems in cones and Harnack's inequality, Mathematical Analysis and Applications, 125-132, AIP Conf. Proc., 835, Amer. Inst. Phys., Melville, NY, 2006.
5. R. Precup, Componentwise compression-expansion conditions for systems of nonlinear operator equations and applications, AIP Conference Proceedings Volume 1124, Mathematical Models in Engineering, Biology and Medicine: International Conference on Boundary Value Problems: Mathematical Models in Engineering, Biology and Medicine, Santiago de Compostela (Spain), 16-19 September 2008, ISBN: 978-0-7354-0660-5, Editors: A. Cabada, E. Liz, J.J. Nieto, 284-293.

21. Articole publicate în reviste naţionale

1. R. Precup, Le theoreme des contractions dans des espaces syntopogenes, Rev. Anal. Numer. Theor. Approx. 9, no. 1 (1980), 113-123. MR: 82i:54008.
2. R. Precup, Sur l'axiomatique des espaces a convexite, Rev. Anal. Numer. Theor. Approx. 9, no. 2 (1980), 95-103. MR: 83c:52003.
3. R. Precup, Interpolating convex polynomials, Rev. Anal. Numer. Theor. Approx. 10, no. 2 (1981), 205-209. MR:83k:41005.
4. R. Precup, Estimates of the degree of comonotone interpolating polynomials, Rev. Anal. Numer. Theor. Approx. 11, no. 1-2 (1982), 139-145. MR: 84i:41003.
5. R. Precup, Piecewise convex interpolation, Rev. Anal. Numer. Theor. Approx. 14, no. 2 (1985), 123-126. MR:87m:41004.
6. R. Precup, New estimates of the degree of the comonotone interpolating polynomials, Rev. Anal. Numer. Theor. Approx. 15, no. 1 (1986), 65-68. MR: 88c:41011.
7. R. Precup, A K-monotone best approximation operator which is neither monotone and (essentially) nor (o)-monotone, Rev. Anal. Numer. Theor. Approx. 15, no. 2 (1986), 155-162. MR:88h:41046.
8. R. Precup, On some properties of K-monotone operators, Rev. Anal. Numer. Theor. Approx. 16, no. 1 (1987), 69-76. MR:89d:47119.
9. R. Precup, Maximal pseudomonotonicity of generalized subdifferentials of explicitly quasiconvex functions, Rev. Anal. Numer. Theor. Approx. 17, no. 1 (1988), 53-62. MR: 90a:90215.
10. R. Precup, Convex functions of order n and Pn-simple functionals, Rev. Anal. Numer Theor. Approx. 18, no. 2 (1989), 161-170. MR: 92d:41048.

11. R. Precup, Measure of noncompactness and second order differential equations with deviating argument, Studia Univ. Babes -Bolyai Math. 34, no. 2 (1989), 25-35. MR: 91k:34094.
12. R. Precup, Generalized topological transversality and mappings of monotone type, Studia Univ. Babes-Bolyai Math. 35, no. 2 (1990), 44-50. MR: 94g:47067.
13. R. Precup, Quasiconvex functions of higher order and the behavior of some nonlinear functionals, Rev. Anal. Numer. Theor. Approx. 21, no. 2 (1992), 191-193. MR: 94g:26016.
14. R. Precup, Note on an abstract continuation theorem, Studia Univ. Babes-Bolyai Math. 37, no. 2 (1992), 85-90. MR: 95m:58018.
15. R. Precup, On the reverse of the Krasnoselskii-Browder boundary inequality, Studia Univ. Babes-Bolyai Math. 38, no. 2 (1993), 41-55. ZB: 828.47055.
16. R. Precup, Periodic solutions for an integral equation from biomathematics via Leray-Schauder principle, Studia Univ. Babes-Bolyai Math. 39, no. 1 (1994), 47-58. MR: 98c:45019a.
17. R. Precup, Monotone technique to the initial values problem for a delay integral equation from biomathematics, Studia Univ. Babes-Bolyai Math. 40, no. 2 (1995), 63-73. MR: 98a:34067.
18. R. Precup, On the continuation principle for nonexpansive maps, Studia Univ. Babes-Bolyai Math. 41, no. 3 (1996), 85-89. MR: 1644 466.
19. R. Precup, Continuation theorems for maps of Caristi type, Studia Univ. Babes-Bolyai Math. 41, no. 4 (1996), 101-106. MR: 1644 186.
20. R. Precup, Continuation principles for coincidences, Mathematica (Cluj) 39 (62), no. 1 (1997), 103-110. MR: 99c:47103.
21. R. Precup, Existence and approximation of positive fixed points of nonexpansive maps, Rev. Anal. Numer. Theor. Approx. 26, no. 1-2 (1997), 203-208.
22. R. Precup, Analysis of some neutral delay differential equations, Studia Univ. Babes-Bolyai Math. 44, no.3 (1999), 67-84.
23. R. Precup, A Monch type generalization of the Eilenberg-Montgomery fixed point theorem, Seminar on Fixed Point Theory Cluj-Napoca 1(2000), 69-72.
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22. Articole publicate în volume ale unor conferinţe naţionale

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24. Alte prezentări la conferinţe

1. conferinta speciala: Seminaire de mathematiques superieures - NATO advanced study institute, 33rd session, Montreal, 1994.
2. poster: International Congress of Mathematicians, Zurich, 1994.
3. conferinta invitata: Second World Congress of Nonlinear Analysts, Athens, 1996;
4. conferinta invitata: 4eme Colloque franco-roumain, Metz, 1998;
5. comunicare: 3rd Joint Conference on Mathematics and Computer Science, Visegrad (Hungary), 1999;
6. conferinta invitata: Third World Congress of Nonlinear Analysts, Catania, 2000;
7. comunicare: 5eme Colloque franco-roumain, Constanta, 2000;

8. comunicare: International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj--Napoca, 2001;
9. comunicare: Pannonian Applied Mathematical Meeting, Baia Mare, 2001;
10. comunicare: 9th Intern. Conf. Appl. Math. Comput. Sci. Mechanics, Cluj-Napoca/Baisoara, 2004;
11. comunicare: 5th Joint Conference on Mathematics and Computer Science, Debrecen (Hungary), 2004;
12. conferinta: International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj--Napoca, 2004;
13. conferinta invitata: 7eme Colloque franco-roumain, Craiova, 2004;
14. conferinta invitata: Conferinta de Analiza Matematica, Craiova 2005;
15. conferinta: International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj-Napoca, 2007;
16. lectii: Summer School "Critical Point Theory and Its Applications", Cluj-Napoca, 2007;
17. comunicare: Int. Conf. Semicentennial Tiberiu Popoviciu, Cluj, May 7-10, 2008;
18. conferinta plenara: 7th Joint Conf. Math. Comput. Sc., Cluj, July 3-6, 2008;
19. conferinta invitata: International Conference on Boundary Value Problems, Santiago de Compostela, Spain, September 2008.
20. conferinta invitata: Romanian-German Symposium on Mathematics and Its Applications, May 14-17, 2009, Sibiu.
21. conferinta: 10ème Colloque Franco-Roumain de Mathématiques Appliquées, August 26-31, Poitiers, France.
22. conferinta invitata: Intern. Workshop Fixed Point Theory Appl. Istanbul, 2012.
23. Workshop: Advances in Differential Equations: Symmetrizations and Related Topics, March 14-15, 2013, Cluj-Napoca.
24. Workshop: Positive Solutions to Differential Equations, May 6-10, 2013, Torun, Poland (invited talks).
25. Academic Days of Timisoara, Workshop on Geometry and PDEs, May 23-24, 2013Timisoara, Romania.
26. Anatolian Communications in Nonlinear Analysis, July 3-6, 2013, Bolu, Turkey (invited talk).
27. International Conference on Applied Mathematics and Computer Science, August 29-31, 2013, Cluj-Napoca.
28. Summer School "Analytical and Computer Assisted Methods in Mathematical Models", September 1-15, 2013, Hojduszoboszlo, Hungary (lectures).
29. Workshop: Lectures in Nonlinear Analysis and Differential Equations, March 24-28, 2014, Cosenza, Italy (invited lectures).
30. Workshop in Geometry and PDEs, June 6-7, 2014, Timisoara, Romania (invited talk).
31. Minisymposium on Fixed Point Theory and Applications, June 1-7, 2014, Baia-Mare, Romania (invited talk).
32. Workshop in Geometry and PDEs, May 29-31, 2015, West University of Timisoara, Romania (invited talk).
33. The Eighth Congress of Romanian Mathematicians, June 26-July 1, 2015, Iasi, Romania.

34. International Conference on Nonlinear Operators, Differential Equations and Applications, July 14-17, 2014, Cluj-Napoca.
35. Symposium on Nolinear Analysis SNA2015, Torun/Poland, September 14-18, 2015 (invited talk).
36. Scientific Conference UR & US'15, Ruse/Bulgaria, October 9-10, 2015 (invited talk).

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29. Participări la programe de cercetare finanţate din sursă internaţională

1. Grant cu Banca Mondiala (I.A. Rus director), 1999-2001.

30. Participări la programe finanţate din sursă naţională

1. Granturi CNCSIS 2000-2002; 2004-2006, 2007-2008.
2. Grant IDEI PN-II-ID-PCE-2011-3-0094
3. Grant Proiecte de cercetare exploratorie PCCE_55/2010 (in pateneriat cu Univ. Craiova)

31. Coordonări de programe finanţate din sursă internaţională

32. Coordonări de programe finanţate din sursă naţională

33. Vizite didactice şi de cercetare internaţionale

1. INRIA Lorraine, Metz, Franta, mai 2002, cercetator invitat;
2. Universitatea din Metz, Franta, iunie 2005, profesor invitat.
3. Universitatea Paris Sud, septembrie 2010.
4. Universitatea din Olomouc, Cehia, august 2011.
5. Universitatea din Catania, octombrie 2011.
6. Universitatea din Metz, Franta, septembrie 2012.
7. Universitatea Karlsruhe, septembrie 2012 (scoala de vara ACAMIMM).
8. Universitatea din Debrecen, septembrie 2013 (scoala de vara ACAMIMM).
9. Universitatea din Perugia, februarie 2014 (colaborare).
10. Universitatea din Metz, mai 2014 (colaborare).

34. Conferinţe şi seminarii invitate internaţionale

1. conferinta invitata: Second World Congress of Nonlinear Analysts, Athens, 1996;
2. conferinta invitata: 4eme Colloque franco-roumain, Metz, 1998;
3. conferinta invitata: Third World Congress of Nonlinear Analysts, Catania, 2000;
4. conferinta invitata: 7eme Colloque franco-roumain, Craiova, 2004;
5. conferinta invitata: Conferinta de Analiza Matematica, Craiova 2005;
6. seminar invitat: Summer School "Critical Point Theory and Its Applications", Cluj-Napoca, 2007;
7. conferinta plenara invitata: 7th Joint Conf. Math. Comput. Sc., Cluj, July 3-6, 2008;
8. conferinta invitata: International Conference on Boundary Value Problems, Santiago de Compostela, Spain, September 2008.
9. conferinta invitata: International Workshop on Fixed Point Theory and Applications, Istanbul, Turkey, Octombrie 2012.
10. Workshop: Positive Solutions to Differential Equations, May 6-10, 2013, Torun, Poland (lectii invitate);
11. Anatolian Communications in Nonlinear Analysis, July 3-6, 2013, Bolu, Turkey (invited talk).
12. Workshop: Lectures in Nonlinear Analysis and Differential Equations, March 24-28, 2014, Cosenza, Italy (invited lectures).
13. Symposium on Nolinear Analysis SNA2015, Torun/Poland, September 14-18, 2015 (invited talk).
14. Scientific Conference UR & US'15, Ruse/Bulgaria, October 9-10, 2015 (invited talk).

35. Alte informaţii

Cluj-Napoca, Septembrie 2016 **Prof. Dr. Radu Precup**