

LISTA LUCRĂRILOR ȘTIINȚIFICE

Teza de abilitare

„Asupra comportamentului asimptotic al unor anumite clase de ecuații de evoluție”, 2018, UVT

Teza de doctorat

„Stabilitatea și dichotomia sistemelor diferențiale în spații Banach infinite dimensionale”, 2004, UVT, Conducător de doctorat: Prof.Univ.Dr. Ștefan Balint; Calificativul maxim și distincția specială Cum Laude

Cărți și capitole în cărți publicate în edituri recunoscute

1. Chilărescu, C., Ciorică, O., Șipoș, C., Preda, C., Viașu, I. Econometrie. Ed. Economică, București, ISBN 978-973-709-700-2, 2014;
2. Preda, C., Boleanțu, M., Neamțu, M. Matematici aplicate în economie. Ed. Mirton, Timișoara, ISBN 978-973-52-1197-4, 2012;
3. Neamtu M, Preda C., Topuzu E, Mathematics for economists, Ed. Mirton, Timișoara, 2009, ISBN 978-973-52-0722-9;
4. Preda C., Preda P., On the asymptotic behavior of evolution families, Ed. Mirton, Timișoara, 2007, ISBN (10) 973-52-0057-0;
5. Preda C., Preda P., On the stability and dichotomy of evolution families, Ed. Mirton, Timișoara, 2005, ISBN 973-661-716-5;
6. Craciunescu A., Preda C., Preda P., Integral Calculus, Ed. Mirton, Timișoara, 2007, ISBN 978-973-52-0230-9;
7. Sipos C., Preda C., Econometrie, Ed. Mirton, Timișoara, 2006, ISBN (10) 973-661-941-9;
8. Craciunescu A., Preda C., Preda P., Calcul Diferential, Ed. Mirton, Timișoara, 2005, ISBN 973-661-719-X;
9. Sipos C., Preda C., Statistica pentru economisti, Ed. Mirton, Timișoara, 2004, ISBN 973- 661-439-5;
10. Pogan A., Preda C., Preda P., Analiza real, Ed. Mirton, Timișoara, 2003, ISBN 978-661- 189-2;
11. Chilărescu, C., Ciorică, O., Șipoș, C., Preda, C., N. Surulescu, Probabilitati și statistica, Editura Universitatii de Vest din Timișoara, Timișoara, 2002, ISBN 973-85553-3-7.

Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

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1. Davor DRAGICEVIC, Ciprian PREDA, Lyapunov Type Theorems for Exponential Stability of Linear Skew-Product Three-Parameter Semiflows with Discrete Time, AXIOMS 9(2): 47 (2020)
2. Lucian Liviu ALBU, Ciprian Ion PREDA, Radu LUPU, Carmen Elena DOBROTĂ, George Marian CĂLIN, Claudia M. BOGHICEVICI, Estimates of Dynamics of the COVID-19 Pandemic and of its Impact on the Economy, ROMANIAN JOURNAL OF ECONOMIC FORECASTING(2020) , Vol. 23, Issue 2, pag. 5-17
3. Preda, C., Preda, P., Onofrei, O.R., Individual exponential stability for linear skew-products semiflows over a semiflow, PERIODICA MATHEMATICA HUNGARICA (dec 2019), Vol.79 Issue: 2 Pages: 168-176, DOI: 10.1007/s10998-019-00289-y
4. Bătăran, F. Ponce, R., Preda, C., Discrete-time theorems for global and pointwise dichotomies of cocycles over semiflows, MONATSHEFTE FÜR MATHEMATIK (aug. 2018), vol. 186, Issue 4, pag. 579-607;
5. Preda, C., Onofrei O.R., Nonuniform exponential dichotomy for linear skew-product semiflows over semiflows, Semigroup Forum, Vol. 96, Issue 2, (apr. 2018), pag. 241-252, DOI: 10.1007/s00233-017-9868-3;

6. Preda, C., Bataran, F., Continuous-time dichotomies without unstable invariant manifolds for autonomous systems, *Lithuanian Mathematical Journal*, (mart. 2018), DOI 10.1007/s10986-018-9388-1;
7. Preda, C., Onofrei O.R., Discrete Schaffer spaces and exponential dichotomy for evolution families, *MONATSHEFTE FÜR MATHEMATIK*, Vol. 185, Issue 3 (mart. 2018), Pag. 507-523, DOI: 10.1007/s00605-016-0991-0;
8. Mureşan, M., Preda, C., Preda P., Individual stability and instability for evolutionary processes, *ACTA MATHEMATICA HUNGARICA*, Vol. 153, Issue 1, (oct. 2017), pag. 16-23, DOI: 10.1007/s10474-017-0754-y;
9. Bataran, F., Preda, C., Preda, P., Extending Some Results of L. Barreira and C. Valls to the Case of Linear Skew-Product Semiflows, *Results in Mathematics*, Vol. 72, Issue 1-2, pag. 965-978, (sept. 2017), doi:10.1007/s00025-017-0666-8;
10. Preda, C., Popitiu, A.P., A discrete-time approach in the qualitative theory of skew-product three-parameter semiflows, *Bulletin of the Belgian Mathematical Society - Simon Stevin*, vol. 24, Issue 3, (jul. – sept. 2017), pag. 367-379, DOI: 10.1007/s10474-017-0754-y;
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12. Preda, C., A Survey on Perturbed Exponentially Stable C_0 -Semigroups, *Qualitative theory of dynamical systems*, vol. 15, Issue 2, (oct. 2016), pag. 541-551, DOI: 10.1007/s12346-015-0150-3;
13. Preda, C., A generalisation of a theorem of O. Perron for semilinear evolution equations, *Mathematical Proceedings of the Cambridge Philosophical Society*, vol. 160, Issue 3 (may 2016), pag. 379-399, DOI: 10.1017/S0305004115000717;
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15. Input-output techniques for the stability of evolution families on the half-line Preda, C., Ramneantu, S., Muresan, R., Perron type theorems for skew product semiflows, *Glasnik Matematicki*, vol. 51, Issue 2, (2016), pag. 379-390;
16. Preda, P., Preda, C., Morariu, C., Exponential stability concepts for evolution family on \mathbb{R} , *Montashefte fur Mathematik*, vol. 178, Issue 4, (dec. 2015), pag. 611-631, DOI 10.1007/s00605-014-0726-z;
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2. Negrea, R., Preda, C., Fixed point technique for a class of backward stochastic differential equations, Journal of Nonlinear Sciences and Applications, vol. 6, Issue 1, (2013), pag. 41-50;
3. Negrea, R., Preda, C., On a class of backward stochastic differentiale quations, Dynamics of Continuous, Discrete and Impulsive Systems , vol. 18, Issue 4, (2011), pag. 485-49;
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3. Preda, C., Dima, B., Pirtea, M, On the asymptotic behavior of the solutions of a class of semi-linear evolution equations, *PROCEEDINGS OF THE AMERICAN CONFERENCE ON APPLIED MATHEMATICS: RECENT ADVANCES IN APPLIED MATHEMATICS, Book Series: Mathematics and Computers in Science and Engineering, Harvard University, Cambridge, USA, JAN 27-29, 2010, pag. 386+;*
4. Dima, B., Preda, C., Pirtea, M, Remarks on the time scale invariance property on the financial markets, *ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM, Vol. 20, pag. 179-180, 2009, Conference: Vienna, AUSTRIA, NOV 25-28, 2009;*
5. Negrea, R., Preda, C., Carstea, H., Hedrea, C., On a class of stochastic differential equations with markovian switching and applications to electronic circuits, *The XIII International Conference "Applied Stochastic Models and Data Analysis" (ASMDA-2009), June 30-July 3, Vilnius, LITHUANIA,(ISBN 978-9955-28-463-5) pp. 343-347, 2009;*
6. Chilarescu C., Pogan A., Preda C., A generalized solution of the black-scholes partial differential equation, *DIFFERENTIAL EQUATIONS AND APPLICATIONS, VOL 5, Conference: 8th International Conference on Nonlinear Functional Analysis and Applications, Gyeongsang Natl Univ, Chinju, SOUTH KOREA, AUG 09-13, 2004.*

Participari cu comunicari la conferinte nationale cu participari internationale:

1. F. Bataran, C. Preda, P. Preda, On the existence of a (non)uniform exponential dichotomy for a strongly continuous cocycle over a semiflow, *25th International Conference on Operator Theory, Timișoara, 2014*
2. C. Preda, P. Preda, On the large-time behavior of the solutions of evolution equations, *24th International Conference on Operator Theory, Timișoara, 2012*
3. C. Preda, P. Petre, R Mosincat, Some remarks on the asymptotic behaviour of the solutions of semilinear evolution equations, *23rd International Conference on Operator Theory, Timișoara, 2010*
4. Ciprian Preda, On the existence of a uniform exponential dichotomy for a strongly continuous evolution family, *The International Workshop on Functional Analysis October 12-14, 2012, Timișoara, Romania*

Participari cu comunicari la conferinte internationale

1. Ciprian Preda (Timișoara), On the exponential dichotomy of evolution families, Szeged-Timișoara Workshop on Differential Equations, April 20-22, 2012 Szeged, Ungaria
2. Preda, C., Dima, B., Pirtea, M., An extension of a theorem of R. Datko for a class of semilinear evolution equations, American Conference on Applied Mathematics, Harvard University, Cambridge, USA, January 27-29, 2010,
3. Preda, C., Mosincat, R.O., Bobitan, N., A theorem on discrete-time scale in the qualitative theory of stochastic evolution equation, The 21st DAAAM symposium Intelligent manufacturing & Automation Focus on Interdisciplinary Solutions, Zadar 2010, Croatia
4. Preda, C., M. Bunoiu, A discrete-time approach for the asymptotic behavior of an exponentially bounded cocycle, The 10th AIMS Conference on Dynamical Systems, Differential Equations and Applications, July 07 - July 11, 2014, Madrid, Spania

Participări în proiecte de cercetare

1. Expert raportare ecosistem regional în cadrul proiectului "Dezvoltarea Capacitatii Administrative a ANCSI de implementare a unor actiuni stabilite in Strategia Nationala de Cercetare, Dezvoltare Tehnologica si Inovare, 2014-2020 – SIPOCA 27"
2. Membru in CNCSIS Grant: The study geometrical models for some dynamical systems arising in physics and economics, by numerical, geometrical and probability methods, CNCSIS code 757/2002, principal investigator: Mircea Puta.
3. Membru in CNCSIS Grant: The study geometrical models for some dynamical systems arising in physics and economics, by numerical, geometrical and probability methods, CNCSIS code 253/2003, principal investigator: Mircea Puta.
4. Membru in CNCSIS Grant: A qualitative study for some dynamical systems described by differential equations infinite and infinite-dimensional spaces with concrete applications, (contract number 33960), CNCSIS code 250/2003, principal investigator: Stefan Balint.
5. Oct 2004 – July 2006 Post-Doctoral Scholarship at NASA-UCLA Flight Systems Research Center, United States, within the NSF Grant: Mathematical Theory of Aeroelasticity, Award ID: 0400730, principal investigator: Arun V. Balakrishnan.
6. Proiectul TRANSNATIONAL COOPERATION FOR RESEARCH CONSOLIDATION THROUGH KNOWLEDGE AND INNOVATION TRANSFER (ACRONYM: KNOWRESET), Contractul nr.2/21.07.2014 încheiat între UVT și Agenția Națională pentru Programe Comunitare în Domeniul Educației și Formării Profesionale (Programul „Fondul de burse” – RO15 finanțat prin Mecanismul Financiar SEE 2009-2014). Beneficiar a fost East-European Center for Research in Economics and Business (ECREB), iar parteneri au fost Romanian Academy – Institute for Economic Forecasting (IEF) și University of Iceland –Social Science Research Institute (SSRI).
7. POCU/472/6/8/126766/21.11.2018, Calitate în învățământul superior: internaționalizare și baze de date pentru dezvoltarea învățământului românesc.

Membru al colectivelor științifice în reviste profesionale:

1. Membru in comitetul editorial la Journal of Knowledge, Computing and Communication Technologies (JKCCT), ISSN: 2067-0958
2. Journal of Heterodox Economics, (JHEC), ISSN: 2344-4150

Participări în comisii de concurs pentru posturi didactice în învățământul superior sau de cercetare

1. Mateea Adrian, concurs pe post de lector la Universitatea Crestina Dimitrie Cantemir, Timișoara, 2013
2. Dima Ștefana, concurs pe post de cercetator stiintific, gradul II, ECREB, FEAA, Timișoara, 2014
3. Vatavu Sorana, concurs pe post de asistent de cercetare, ECREB, FEAA, Timișoara, 2014

elie

Recenzii la articole supuse analizei în vederea publicării într-o revistă cotate ISI

1. Aequationes Mathematicae, Manuscript number AEQM 130037
2. Journal of Mathematical Analysis and applications, Manuscript number JMAA-11-2866

Membru al comitetului de organizare a:

1. International conference in „Current Economic Trends in Emerging and Developing Countries" (TIMTED 2014), Timișoara, 12-14 Iunie 2014
2. 24th International Conference on Operator Theory, Timișoara, 2012
3. 23rd International Conference on Operator Theory, Timișoara, 2010

Membru al unui proiect POSDRU (ETS)

1. POSDRU/86/1.2./S/53202 ..Competence avansate - profesionale si de cercetare - in managementul riscului international"

Membru în societăți profesionale

1. Societatea de Științe Matematice din România
2. Societatea Română de Econometrie

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Lista lucrări – Conf. Univ. Dr. Habil. Ciprian Preda

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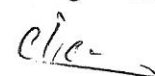
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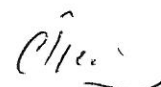
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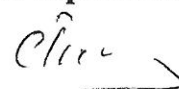


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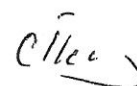
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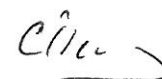
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Conf. univ. dr. Preda Ciprian Ion

