



Codruța Simona Stoica

Curriculum Vitae

Personal Data

Date of birth 25.07.1970
Place of birth Arad, Romania
Nationality Romanian
Marital Status Married (born Bota)

Affiliation

University "Aurel Vlaicu" of Arad
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Studies

Academic Background

1988–1993 Bachelor and Master in Mathematics at the West University of Timișoara, Romania, Faculty of Mathematics, Specialization Mathematics–Research
1997–2001 Bachelor of "Aurel Vlaicu" University of Arad, Romania, Faculty of Economic Sciences, Specialization Finances–Insurances

Doctorate

- 2002–2007 Doctoral studies at the West University of Timișoara, Scientific coordinator: Prof. Mihail Megan
- 2007–2008 Doctoral fellowship at the Mathematics Institute of Bordeaux, France, Scientific coordinator: Prof. Bernard Chevreau
- 2008 PhD in Mathematics - PhD thesis *Asymptotic Behaviors of Skew-evolution Semiflows on Banach Spaces*, defended at the Bordeaux University, France, and the West University of Timișoara

Work Experience

- 1993–2000 Mathematics teacher at the German High school "Adam Müller Guttenbrunn" of Arad
- 1994–1995 Mathematics teacher at "Charles de Gaulle" High school of Poissy, France
- 2000–2004 Teaching assistant at the Department of Mathematics and Computer Science of "Aurel Vlaicu" University of Arad
- 2003–2004 Teaching assistant at the Chair of Finance of the Faculty of Economic Sciences of "Aurel Vlaicu" University of Arad
- 2004–2014 Assistant Professor (Lecturer) at the Department of Mathematics and Computer Science, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad
- 2007–2008 Research activity at the Mathematics Institute of Bordeaux, France
- 2009–2011 Scientific researcher at the West University of Timișoara, Faculty of Mathematics and Computer Science
- 2009–present Scientific secretary of the Research Center *Mathematical Models and Informatics Systems*, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad
- 2012–present Head of the bachelor studies programme *Mathematics Informatics*, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad
- 2012–present Member of the *Committee for Quality Evaluation and Assurance*, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad
- 2013–present Head of the *Department for International Relations*, "Aurel Vlaicu" University of Arad
- 2014–2017 Associate Professor at the Department of Mathematics and Computer Science, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad
- 2014–present Member of the *Senate* of "Aurel Vlaicu" University of Arad
- 2014–present Head of the *Mathematics & Statistics Research Unit*, Athens Institute for Education and Research ATINER, Greece
- 2015–present National Coordinator for the *European Women in Mathematics Association EWM*

- 2016 Vice-Rector in charge of Scientific Research at "Aurel Vlaicu" University of Arad
- 2016 President of the Scientific Council of "Aurel Vlaicu" University of Arad
- 2016 President of the Committee of Assessments of Projects and Grants of "Aurel Vlaicu" University of Arad
- 2017 Professor at the Department of Mathematics and Computer Science, Faculty of Exact Sciences, "Aurel Vlaicu" University of Arad

Teaching Activity

- Differential Equations; Partial Differential Equations
- Probability Theory
- Mathematical Statistics; Biostatistics
- Mathematical Analysis; Infinite Dimensional Mathematical Analysis
- Dynamical Systems
- Control Systems
- Mathematical Foundations of Computer Science
- Operational Research: Games Theory; Linear and Nonlinear Programming
- Special Chapters of Stability Theory
- Mathematical Modeling of Economic Processes
- Computational Geometry; Differential Geometry
- Mathematical Modelling of Financial Markets

Scientific Activity and Research

Fields of interest

- Mathematics: Stability Theory, Evolution Equations, Control Theory, Dynamical Systems, Stochastic Analysis, Convex Analysis
- Mathematical Modeling of Economic Processes: Mathematical Models for Economic Growth, Financial Mathematical Models, Control Theory Methods Applied in Economics
- Economics: International Finances, Sensitivity Analysis of Investments, Decision Modeling for Economic Processes, Stock Markets

Publications–Annex 1

Books

- 5 books

Scientific Monographs

- 2 scientific monographs as results of the research in the field of Evolution Equations and Stability Theory

Scientific Articles

- 76 scientific papers published in journals indexed ISI and in other international databases, as well as in volumes of international conferences with reviewers committees. The papers were reviewed in: ISI Web of Science, ISI Web of Knowledge, Science Citation Index, Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, Conference Proceedings Citation Index, Springerlink, Jstor, SCOPUS, SCIRUS, Mathematical Reviews, MathSciNet, Google Academic, Google Scholar, Zentralblatt für Mathematik, Digital Mathematics Registry, HAL, ArXiv/Cornell University Library, UlrichsWeb, Intute, ICAAP

Conferences – Annex 2

- Invited speaker/participant with scientific papers at 89 international conferences, of which 29 abroad

Grants and contracts

- 2005–2008 Member of the Research Grant CNCSIS No.1379/2005 of the Romanian Ministry of Education, Research and Innovation–*Asymptotic Behaviors for Deterministic and Stochastic Evolution Equations in Infinite Dimensional Spaces*, Director: Prof. Mihail Megan
- 2009–2011 Member of the Exploratory Research Grant PN II ID 1080 No. 508/2009 of the Romanian Ministry of Education, Research and Innovation–*Advanced Research on Asymptotic Behaviors of Evolution Equations*, Director: Prof. Mihail Megan
- 2011–2013 Member of the Research Project POSDRU56/1.2/S/32768–*Modern Research-Teaching Instruments*, Coordinators: Prof. Mihail Megan, Prof. Dumitru Gașpar
- 2014–2015 Coordinator/Expert at university level of the UEFISCI Project POSDRU/155/1.2/S/136180–*Internationalisation, Equity and Institutional Management for a Quality Higher Education IEMU*
- 2016 Member of the CNFIS Project CNFIS-FDI-2016-0081–*Creșterea competitivității și vizibilității UAV în contextul strategiei proprii de internaționalizare*
- 2016 Member of the CNFIS Project CNFIS-FDI-2016-0053–*Creșterea gradului de transparență a gestiunii studenților la nivelul UAV*
- 2016 Member of the CNFIS Project CNFIS-FDI-2016-0046–*Modalități de asigurare a echității în educație și de creștere a accesului la învățământ superior*
- 2017 Coordinator/Expert at university level of the HEInnovate Project
- 2018 Member of the CNFIS Project CNFIS-FDI-CNFIS-FDI-2018-0318–*Creșterea vizibilității internaționale și competitivității UAV în contextul tendințelor actuale de globalizare*

Position in Mathematics Genealogy Project

<http://genealogy.math.ndsu.nodak.edu/id.php?id=169245>

Miscellanea

Fellowships and Academic Visits

- 1992 Fellowship of the European Union at the University of Angers, France
- 1996 and 2000 Fellowships at "Siebold Gymnasium" of Würzburg, Germany
- 1997 Listing in the *Annuaire des Boursiers Etrangers en France* and participant at the International Conference of Fellows, Paris
- 2004, 2005, 2010 Listings in Who's Who (American Biographical Institute)
- 2007–2008 Doctoral Fellowship of the European Union at the Mathematics Institute of Bordeaux, France
- 2014 Participant at the 7th EUA–CDE Annual Meeting for Doctoral Education, Liverpool, United Kingdom
- 2014 Teaching assignment–LLP/ERASMUS, Instituto Superior "Miguel Torga", Coimbra, Portugal
- 2016 Participant at the Seminar on Technology Transfer "Being Professor – Doing Business" at Steinbeis Transfer Center, Alba Iulia, Romania
- 2017 Organizer/Participant at the Educational Fair "Begin Edu Fair", Tbilisi, Georgia
- 2018 Organizer of the Educational Fair "Edu2Job", Arad, Romania

Membership in Scientific Seminars

- 2002–present Member of the Research Group on *Mathematical Analysis and Applications in Control Theory*, West University of Timișoara, Scientific coordinator: Professor Mihail Megan
- 2009–present Member of the Research Group on *Operators Theory and Applications*, Scientific coordinator: Professor Sorin Nădăban

Membership in Scientific and Organizing Committees

- 1993–2000 Member of the Scientific and Organizing Committees for the Mathematics Olympiads
- 1995 Member of the Scientific and Organizing Committee of the Mathematics Contest "Jeux Mathématiques", Académie de Versailles, France
- 2005–present Member of the Scientific and Organizing Committees of 14 international conferences, 4 international workshops and 10 Editions of the International Mathematics and Computer Science Contest for Students "Caius Iacob"
- The 9th International Conference of the Romanian Mathematical Society, 2005
 - The 8th International Conference on Mathematical Analysis and Applications, 2006

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- The International Symposium Research and Education in Innovation Era, 2006
 - The International Symposium Research and Education in Innovation Era, 2nd Edition, 2008
 - The 4th International Conference on Mathematics and Statistics–Athens Institute for Education and Research ATINER, 2010, Athens, Greece
 - International Workshop on Partial Differential Equations and Applications, 2010
 - The International Symposium Research and Education in Innovation Era, 4th Edition, 2012
 - International Workshop on Operator Theory and Applications, First Edition 2013, Second Edition 2014, 3rd Edition 2015
 - The International Symposium Research and Education in Innovation Era, 5th Edition, 2014
 - The 8th Annual International Conference on Mathematics & Statistics: Education & Applications–Athens Institute for Education and Research ATINER, 2014, Athens, Greece
 - The 9th Annual International Conference on Mathematics & Statistics: Education & Applications–Athens Institute for Education and Research ATINER, 2015, Athens, Greece
 - The 10th Annual International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research ATINER, 2016, Athens, Greece
 - The International Symposium Research and Education in Innovation Era, 6th Edition, 2016
 - The 11th Annual International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research ATINER, 2017, Athens, Greece
 - The International Symposium Research and Education in Innovation Era, 7th Edition, 2018
 - The 12th Annual International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research ATINER, 2018, Athens, Greece
- 2009–present Member of the Scientific and Organizing Committees of the International Mathematics and Computer Science Contest for Students *Caius Iacob*, organized by the Faculty of Exact Sciences of "Aurel Vlaicu" University of Arad and reviewed in the Mathematical Gazette of the Romanian Mathematical Society
- 2010–present Member of the Scientific and Organizing Committees of the International Mathematics and Computer Science Contest for Graduate Students *Caius Iacob*, organized by the Faculty of Exact Sciences of "Aurel Vlaicu" University of Arad
- Editorial Activities**
- 2005–present Editor/co-editor of 8 volumes of international conferences

- Proceedings of the 9th Conference of the Romanian Mathematical Society, West University of Timișoara Publishing House, 2005, ISBN 973-7608-37-2
 - Proceedings of the 8th Conference on Mathematical Analysis and Applications (2 volumes), appeared in the Annals of the West University of Timișoara, 2007 and 2008, ISSN 1841-3293
 - Proceedings of the International Symposium "Research and Education in an Innovation Era", Mirton Publishing House, Timișoara, 2007, ISBN 978-973-52-0108-1
 - Proceedings of the International Symposium "Research and Education in an Innovation Era", 2nd Edition, "Aurel Vlaicu" University Publishing House, 2008, ISSN 2065-2569
 - Concursul de Matematică "Caius Iacob", "Aurel Vlaicu" University Publishing House, 2010, ISBN 978-973-752-461-4
 - Proceedings of the International Symposium "Research and Education in an Innovation Era", 4th Edition, "Aurel Vlaicu" University Publishing House, 2012, ISSN 2065-2569
 - Proceedings of the International Symposium "Research and Education in an Innovation Era", 5th Edition, "Aurel Vlaicu" University Publishing House, 2014, ISSN 2065-2569
 - Essays on Mathematics and Statistics: Volume 5, Athens Institute for Education and Research, 2015, ISBN 978-618-5065-77-5
 - Proceedings of the International Symposium "Research and Education in an Innovation Era", 7th Edition, "Aurel Vlaicu" University Publishing House, 2018, ISSN 2065-2569
- 2011–present Member of the editorial board of the journal *Theory and Applications of Mathematics & Computer Science*
- 2014–present Editor for the Athens Institute for Education and Research ATINER Books

Awards

- 2008 Award CNCSIS/2008 Cod CNCSIS Nr.90: PN II 2007-2013
- 2010 Award CNCSIS/2010 Cod CNCSIS Nr.901: PN II 2007-2013
- 2014 Award PN-II-RU-PRECISI-2014-8-6124

Professional Affiliations

- American Mathematical Society AMS
- European Mathematical Society EMS
- Romanian Mathematical Society SSMR
- Society for Industrial and Applied Mathematics SIAM
- SIAG on Control & Systems Theory
- SIAG on Dynamical Systems
- SIAG on Analysis of Partial Differential Equations
- International Federation of Nonlinear Analysts IFNA
- Formal Sciences Research Unit of the Athens Institute for Education and Research ATINER

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- Mathematics and Statistics Research Unit of the Athens Institute for Education and Research ATINER
- Economics Research Unit of the Athens Institute for Education and Research ATINER
- European Women in Mathematics EWM

Scientific Reviewer for

- Mathematical Reviews–American Mathematical Society
- Nonlinear Analysis–Elsevier
- Journal of Mathematical Analysis and Applications–Elsevier
- Stochastic Processes and their Applications–Elsevier
- Acta Mathematica Hungarica–Springer
- International Journal of Mathematics–World Scientific
- Journal of Applied Mathematics–Hindawi
- Journal of Function Spaces–Hindawi
- Athens Institute for Education and Research
- Theory and Applications of Mathematics & Computer Science
- The Annals of the West University of Timișoara–Series Mathematics & Computer Science
- The Annals of Oradea University– Mathematics Fascicole
- Athens Journal of Business and Economics
- Mathematics and its Applications/ Annals of AOSR

Foreign Languages

English ¹	Understanding C2, Reading C2, Conversation C2, Talking C2, Writing C2
French ¹	Understanding C2, Reading C2, Conversation C2, Talking C2, Writing C2
German ¹	Understanding C1, Reading C1, Conversation C1, Talking C1, Writing C1
Greek ¹	Understanding B1, Reading B1, Conversation B1, Talking B1, Writing B1
Italian ¹	Understanding B1, Reading B1, Conversation B1, Talking B1, Writing B1
Spanish ¹	Understanding B1, Reading B1, Conversation B1, Talking B1, Writing B1

Domains of Competence

34Dxx, 93Dxx ²	Stability theory
34Hxx, 93Cxx ²	Control problems, Control systems
49Jxx, 49Kxx ²	Existence theories, Optimality conditions
91Bxx, 91Gxx ²	Mathematical economics, Mathematical finance
Editor for Scientific Texts	L ^A T _E X+ WinEdt

Mathematical Software Mathcad, Matlab
Programming Pascal
Operation MS Office

Collaborations/References

- Prof. Dr. Vladimir AKIS Department of Computer Science, California State University,
LA, USA
E-mail: vakis@calstatela.edu
- Prof. Dr. Jürgen APPELL Mathematisches Institut, Universität Würzburg, Deutschland
E-mail: appell@mathematik.uni-wuerzburg.de
- Prof. Dr. Vasile BERINDE Department of Mathematics and Computer Science, Faculty of
Sciences, Centrul Universitar Nord din Baia Mare, Universitatea
Tehnică din Cluj Napoca
E-mail: vberinde@ubm.ro
- Prof. Dr. Emeritus Bernard CHEVREAU Institut de Mathématiques de Bordeaux, Université Bordeaux 1,
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- Prof. Dr. Mihail MEGAN The Academy of Romanian Scientists
Department of Mathematics, Faculty of Mathematics and Com-
puter Science, West University of Timișoara
E-mail: megan@math.uvt.ro
- Assoc. Prof. Hab. Dr. Adina Luminița SASU Department of Mathematics, Faculty of Mathematics and Com-
puter Science, West University of Timișoara
E-mail: sasu@math.uvt.ro
- Principal Researcher Dr. Dan TIMOTIN "Simion Stoilow" Institute of Mathematics of the Romanian
Academy
E-mail: dan.timotin@imar.ro

²2010 Mathematics Subject Classification

Annex 1 – Scientific Publications

PhD Thesis

C. STOICA, *Asymptotic Behaviors of Skew-evolution Semiflows on Banach Spaces*, West University of Timișoara, 2008; [AMS/MGP]

Books

Books and Monographs

1. C. STOICA, *Aspecte clasice și moderne în studiul ecuațiilor diferențiale și cu diferențe*, Mirton Publishing House, Timișoara, 2011, ISBN 978-973-52-1036-6; [WorldCat]
2. C. STOICA, *Uniform Asymptotic Behaviors for Skew-Evolution Semiflows on Banach Spaces*, Mirton Publishing House, Timișoara, 2010, ISBN 978-973-52-0786-1; [WorldCat]
3. M. MEGAN, S. BIRĂUAȘ, I. CRIȘAN, C. STOICA ș.a., *Examene și concursuri de matematică pentru elevi și profesori*, Școala Vremii Publishing House, Arad, 2005, ISBN 973-86695-7-X
4. M. MEGAN, S. BIRĂUAȘ, I. CRIȘAN, C. STOICA ș.a., *Matematica 2004-2007, Probleme date la examene de bacalaureat, admiteri în facultăți, examene de definitivat și pentru obținerea gradului doi în învățământ, olimpiade*, Școala Vremii Publishing House, Arad, 2004, ISBN 973-86695-0-2
5. C. STOICA, *Ecuații diferențiale și cu derivate parțiale prin exerciții și probleme*, Second Edition, Mirton Publishing House, Timișoara, 2004, ISBN 973-661-490-5; [WorldCat]
6. C. STOICA, *Ecuații diferențiale și cu derivate parțiale prin exerciții și probleme*, Mirton Publishing House, Timișoara, 2002, ISBN 973-585-670-0; [Zbl 1129.00301]
7. G. CRISTESCU, C. BOTA, *Ecuații diferențiale și cu derivate parțiale*, Mirton Publishing House, Timișoara, 2001, ISBN 973-585-373-6; [Zbl 1040.34001]

Editor

1. C. STOICA, *Essays on Mathematics and Statistics: Volume 5*, Athens Institute for Education and Research (2015) ISBN 978-618-5065-77-5
2. S. NĂDĂBAN, A. PALCU, C. STOICA, M. TOMESCU, *Proceedings of the International Symposium "Research and Education in an Innovation Era"–Sections Mathematics and Computer Science*, 5th Edition, "Aurel Vlaicu" University Publishing House (2014) ISSN 2065 2569
3. S. NĂDĂBAN, A. PALCU, C. STOICA, M. TOMESCU, *Proceedings of the International Symposium "Research and Education in an Innovation Era"–Sections Mathematics and Computer Science*, 4th Edition, "Aurel Vlaicu" University Publishing House (2012) ISSN 2065 2569
4. S. NĂDĂBAN, C. STOICA, *Concursul de Matematică "Caius Iacob"*, "Aurel Vlaicu" University Publishing House (2010) ISBN 978-973-752-461-4; [WorldCat]
5. S. NĂDĂBAN, C. STOICA, *Proceedings of the International Symposium "Research and Education in an Innovation Era"–Sections Mathematics and Computer Science*, 2nd Edition, "Aurel Vlaicu" University Publishing House (2008) ISSN 2065 2569; [WorldCat]

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6. D. GAȘPAR, M. MEGAN (Editors-in-Chief), Proceedings of the 8th Conference on Mathematical Analysis and Applications, West University of Timișoara Publishing House, Vol. 2, (2008) ISBN 978-973-52-0108-1
7. D. GAȘPAR, M. MEGAN (Editors-in-Chief), Proceedings of the 8th Conference on Mathematical Analysis and Applications, West University of Timișoara Publishing House, Vol. 1 (2007) ISBN 978-973-52-0108-1
8. S. NĂDĂBAN, C. STOICA, Proceedings of the International Symposium "Research and Education in an Innovation Era"—Sections Mathematics and Computer Science, Mirton Publishing House, Timișoara (2006) ISBN 978-973-52-0108-1; [WorldCat]
9. M. MEGAN, C. STOICA, Proceedings of the 9th Conference of the Romanian Mathematical Society, West University of Timișoara Publishing House (2006) ISBN 973-7608-37-2
10. S. NĂDĂBAN, C. STOICA, Theory and Applications of Mathematics & Computer Science, "Aurel Vlaicu" University Publishing House, ISSN 2067-2764

Scientific Papers

Scientific Papers in Web of Science and other International Data Bases

1. C. STOICA, *On dichotomy and splitting issues for evolution equations*, AIP Conference Proceedings 1978, 470070, DOI: 10.1063/1.5044140 (2018); [Web of Science]
2. C. STOICA, *A general framework for splitting concepts for cocycles over generalized non-autonomous dynamical systems*, Mathematical Problems in Engineering, DOI: 10.1155/2017/4790679 (2017) 1-8, ISSN 1024-123X; [Web of Science]
3. C. STOICA, *Approaching the discrete dynamical systems by means of skew-evolution semiflows*, Discrete Dynamics in Nature and Society, DOI: 10.1155/2016/4375069 (2016) 1-10, ISSN 1026-0226; [Web of Science]
4. C.L. MIHIȚ, C. STOICA, M. MEGAN, *On uniform exponential splitting for noninvertible evolution operators in Banach spaces*, Annals of the West University of Timișoara, Vol. LIII, Fascicle 2 (2015) 121-131, ISSN 1841-3293; [DeGruyter], [DOAJ]
5. C. STOICA, *Cocycles over non autonomous dynamical systems in Banach spaces*, Essays on Mathematics and Statistics: Volume 5 (2015), Athens Institute for Education and Research, 65-72, ISBN 978-618-5065-77-5; [WorldCat]
6. C. STOICA, L. CERNUȘCA, *Statistical study on the perception of professional accountants regarding the existence and the manifestation of creative accounting*, Essays on Mathematics and Statistics: Volume 5 (2015), Athens Institute for Education and Research, 237-248, ISBN 978-618-5065-77-5; [WorldCat]
7. C. STOICA, D. BORLEA, *Exponential stability versus polynomial stability for skew-evolution semiflows in infinite dimensional spaces*, Theory and Applications of Mathematics & Computer Science 4, No. 2 (2014) 221-229, ISSN 2067-2764; [Zbl]
8. C. STOICA, *Trichotomy for dynamical systems in Banach spaces*, The Scientific World Journal, DOI: 101155/2013/ 793813 (2013) 1-8, ISSN 1537-744X; [Web of Science]
9. C. STOICA, M. MEGAN, *On nonuniform exponential stability for skew-evolution semiflows in Banach spaces*, Carpathian Journal of Mathematics, Vol. 29, No. 2 (2013) 259-266, ISSN 1584-2851; [Web of Science]

10. C. STOICA, *Muldowney type asymptotic behaviors in the study of evolution equations*, Essays on Mathematics and Statistics: Volume 4 (2013), Athens Institute for Education and Research, 163-168, ISBN 978-618-5065-18-8; [\[WorldCat\]](#)
11. C. STOICA, *Various concepts of trichotomy for evolution equations on Banach spaces*, Essays on Mathematics and Statistics: Volume 3 (2013), Athens Institute for Education and Research, 215-224, ISBN 978-960-9549-34-9; [\[WorldCat\]](#)
12. C. STOICA, M. MEGAN, *Asymptotic properties for differential equations in Banach spaces*, Essays on Mathematics and Statistics: Volume 3 (2013), Athens Institute for Education and Research, 225-234, ISBN 978-960-9549-34-9; [\[WorldCat\]](#)
13. C. STOICA, L. BIRIŞ, *Nonuniform behaviors for cocycles over multivalued non autonomous dynamical systems in Banach spaces*, ICMA 2012 The 13th International Conference on Mathematics and its Applications, Politehnica University of Timișoara (2013) 131-136, ISSN 1224-6069; [\[Zbl se:00002373\]](#)
14. C. STOICA, D. BORLEA, *On H-dichotomy for skew-evolution semiflows in Banach spaces*, Theory and Applications of Mathematics & Computer Science 2, No. 1 (2012) 29-36, ISSN 2067-2764; [\[Zbl 1288.34047\]](#), [\[WorldCat\]](#)
15. C. STOICA, M. MEGAN, *On nonuniform exponential dichotomy for linear skew-evolution semiflows on Banach spaces*, An Operator Theory Summer, Theta Ser. Adv. Math. 13 (2012) 105-116, ISBN 978-973-87899-8-2; [\[Zbl 06136519\]](#)
16. C. STOICA, *A stochastic model for optimal investments*, Annals of the Oradea University. Fascicle of Management and Technological Engineering XI(XXI), No. 1 (2012) 5.124-5.127, ISSN 1583-0713; [\[UlrichsWeb\]](#)
17. C. STOICA, M. MEGAN, *On (h, k) -trichotomy for skew-evolution semiflows in Banach spaces*, Studia Universitatis Babeş-Bolyai Mathematica, 56, No. 4 (2011) 147-156, ISSN 0252-1938; [\[MR2896746\]](#), [\[Zbl 1274.34154\]](#)
18. C. STOICA, *Stability in a classic model for economic growth*, Annals of the Oradea University. Fascicle of Management and Technological Engineering X(XX), No. 1 (2011) 293-298, ISSN 1583-0713; [\[UlrichsWeb\]](#), [\[Intute\]](#)
19. C. STOICA, *On polynomial stability for skew-evolution semiflows on Banach spaces* (2011) 1-10, hal: 00641559; [\[WorldCat\]](#)
20. C. STOICA, M. MEGAN, *On uniform exponential stability for skew-evolution semiflows on Banach spaces*, Nonlinear Analysis: Theory, Methods & Applications, Vol. 72, Issues 3-4 (2010) 1305-1313, ISSN 0362-546X; [\[Web of Science\]](#), [\[MR 2577532\(2010k:34140\)\]](#), [\[Zbl 1180.93053\]](#), [\[WorldCat\]](#)
21. M. MEGAN, C. STOICA, *Concepts of dichotomy for skew-evolution semiflows in Banach spaces*, Ann. Acad. Rom. Sci. Ser. Math. Appl. Vol. 2, No. 2 (2010) 125-140, ISSN 2066-5997; [\[MR2753724\(2012b:34153\)\]](#)
22. C. STOICA, M. MEGAN, *Nonuniform behaviors for skew-evolution semiflows in Banach spaces*, Operator Theory Live, Theta Ser. Adv. Math. 12 (2010) 203-211, ISBN 978-973-87899-6-8; [\[MR2731875\(2011j:34159\)\]](#), [\[Zbl 1200.46002\]](#), [\[WorldCat\]](#)

23. C. STOICA, *Optimality in a bisectorial model for economic growth*, Annals of the Oradea University. Fascicle of Management and Technological Engineering IX(XIX) (2010) 272-277, ISSN 1583-0713; [[UlrichsWeb](#)], [[Intute](#)]
24. C. STOICA, *On nonuniform exponential stability for skew-evolution semiflows on Banach spaces* (2010) 1-11, arxiv: 1002.1180 [[math.CA](#)]; [[WorldCat](#)]
25. C. STOICA, *Dichotomies for evolution equations in Banach spaces* (2010) 1-22, arxiv: 1002.1139 [[math.CA](#)]; [[WorldCat](#)]
26. C. STOICA, *Pointwise trichotomy for skew-evolution semiflows on Banach spaces*, Journal of Mathematical Sciences Vol. 161, No. 2 (2009) 327-336, ISSN 1072-3374; [[MR2760297\(2012f:47194\)](#)], [[Zbl 1193.34109](#)], [[WorldCat](#)]
27. M. MEGAN, C. STOICA, *Exponential dichotomy for skew-evolution semiflows on Banach spaces*, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, Vol. 7 (2009) 3-10, ISSN 1584-4536; [[MR2856594](#)], [[Zbl 1205.34063](#)]
28. C. STOICA, M. MEGAN, *Asymptotic properties for discrete linear systems on Banach spaces*, Proceedings of the 12th Symposium of Mathematics and its Applications, Politehnica University of Timișoara (2009) 188-193, ISSN 1224-6069; [[MR2655051](#)], [[Zbl 1224.39011](#)]
29. C. STOICA, *Dynamical model in discrete time for the evolution and the efficiency of a portfolio*, Annals of the Oradea University. Fascicle of Management and Technological Engineering VIII(XVIII) (2009) 2137-2140, ISSN 1583-0713; [[UlrichsWeb](#)], [[Intute](#)]
30. C. STOICA, M. MEGAN, *On H -trichotomy in Banach spaces*, Acta Technica Corviniensis, Bulletin of Engineering, Tome II, Fascicle 1 (2009) 53-58, e-ISSN 2067-3809; [[Evisa](#)]
31. M. MEGAN, C. STOICA, *Discrete asymptotic behaviors for skew-evolution semiflows on Banach spaces*, Carpathian Journal of Mathematics, Vol. 24, No.3 (2008) 348-355, ISSN 1584-2851; [[Web of Science](#)], [[Zbl 1249.37008](#)], [[WorldCat](#)]
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Annex 2 – Scientific Contributions to International Conferences

1. The 16th International Conference of Numerical Analysis and Applied Mathematics–Rhodes, Greece, 2018–*On classes of dichotomy for skew-evolution semiflows associated to control systems*
http://history.icnaam.org/icnaam_2018/index.html
2. The 12th International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research, ATINER, Athens, Greece, 2018–*On stochastic splitting issues for evolution equations*
<http://www.atiner.gr/mathematics.htm>
3. ATINER's 2018 Series of Academic Dialogues: A Symposium Discussion on Publishing and Researching for Professional Academic Development–Athens Institute for Education and Research, ATINER, Athens, Greece, 2018–*Implementing the research strategy within "Aurel Vlaicu" University of Arad in order to enhance its international prestige and visibility*
<http://www.atiner.gr/mathematics.htm>
4. International Symposium–Research and Education in an Innovation Era, 7th Edition–Aurel Vlaicu University of Arad, 2018–*Recent developments in the study of evolution equations*
<http://www.uav.ro/en/conferences/isreie-2018>
5. Research and Innovation in the Romanian Academic Community–International Economic Fair, Arad, Romania, 2018–*The performance and visibility of AVU's scientific research*
6. The 15th International Conference of Numerical Analysis and Applied Mathematics–Thessaloniki, Greece, 2017–*On dichotomy and splitting issues for evolution equations*
http://history.icnaam.org/icnaam_2017/index.html
7. The 11th International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research, ATINER, Athens, Greece, 2017–*Skew-evolution semiflows in the study of stochastic equations*

<http://www.atiner.gr/mathematics.htm>

8. The Spring Scientific Session–The Academy of Romanian Scientists, 2017–*Stability, dichotomy and splitting for evolution equations in Banach spaces*
9. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2017–*The Romanian higher education system*
10. International Symposium–Research and Education in an Innovation Era, 6th Edition–Aurel Vlaicu University of Arad, 2016–*Asymptotic properties of l^p -type for the study of difference equations*
<http://www.uav.ro/en/conferences/isreie-2016>
11. The 10th International Conference on Mathematics & Statistics: Teaching, Theory & Applications–Athens Institute for Education and Research, ATINER, Athens, Greece, 2016–*A stochastic approach of dynamical systems by means of cocycles*
<http://www.atiner.gr/mathematics.htm>
12. The 14th International Conference on Mathematics and its Applications–Politehnica University of Timișoara, 2015–*On (h, k) -trichotomy and (h, k) -splitting for cocycles of linear operators in Banach spaces*
http://www.mat.upt.ro/img/files/Programme_3_new.pdf
13. INDAM Meeting of European Women in Mathematics: The 17th EWM General Meeting–Cortona, Italy, 2015–*A general framework for non-uniform splitting concepts in infinite dimensional spaces*
<http://www.europeanwomeninmaths.org/activities/conference/17th-ewm-general-meeting-cortona-2015>
14. The International Conference on Nonlinear Operators, Differential Equations and Applications–Babeș-Bolyai University, Cluj Napoca, 2015–*Lyapunov functions in the study of the h -dichotomy for skew-evolution semiflows in Banach spaces*
<http://www.cs.ubbcluj.ro/icnodeacj/ProgramC2015.pdf>
15. The 9th International Conference on Mathematics & Statistics: Education & Applications–Athens Institute for Education and Research, ATINER, Athens, Greece, 2015–*Exponential dichotomy versus exponential splitting for skew-evolution semiflows in infinite dimensional spaces*
<http://www.atiner.gr/mathematics.htm>
16. AMS-EMS-SPM International Meeting, Porto, Portugal, 2015–*On the property of exponential splitting for skew-evolution cocycles in Banach spaces*
http://aep-math2015.spm.pt/sites/default/files/program_contributed_paper_session.pdf
17. The Spring Scientific Session–The Academy of Romanian Scientists, 2015–*On some concepts of asymptotic behaviors for cocycles of linear operators in Banach spaces*
http://aos.ro/_new/2015/ProgramSesiune.pdf
18. International Workshop on Operator Theory and Applications, Third Edition, Aurel Vlaicu University of Arad, 2015–*Asymptotic properties for evolution operators*

<http://www.uav.ro/ro/facultati/stiinte-exacte/international-workshop-on-operator-theory-and-applications>

19. Workshops on Internationalisation, Equity and Institutional Management for a Quality Higher Education–IEMU, Bucharest, 2015–*Developing an institutional strategy for internationalization*
<http://iemu.forhe.ro/eveniment/exercitiu-viziune-strategia-nationala-de-internationalizare/>
20. The 8th International Conference on Mathematics & Statistics: Education & Applications–Athens Institute for Education and Research, ATINER, Athens, Greece, 2014–*Statistical study on the perception of professional accountants regarding the existence and the manifestation of creative accounting*
<http://www.atiner.gr/mathematics.htm>
21. The 7th EUA-CDE Annual Meeting on Doctoral Education, Liverpool, United Kingdom, 2014–*Thinking globally, acting locally*
<http://www.eua.be/eua-cde-liverpool.aspx>
22. International Workshop on Mathematical Analysis and its Applications–Instituto Superior "Miguel Torga", Coimbra, Portugal, 2014–*On families of operators in the study of differential and difference equations*
23. The 25th International Conference on Operator Theory–Institute of Mathematics of the Romanian Academy, West University of Timișoara, 2014–*Trichotomy concepts for cocycles of linear operators in Banach spaces*
<http://www.imar.ro/ot/>
24. Induction Meeting–Internationalisation, Equity and Institutional Management for a Quality Higher Education–IEMU, Bucharest, 2014
<http://iemu.forhe.ro/internationalizare/>
25. International Symposium–Research and Education in an Innovation Era, 5th Edition–Aurel Vlaicu University of Arad, 2014–*Stability issues in infinite dimensional spaces*
<http://www.uav.ro/en/conferences/isreie-2014>
26. SIAM Annual Meeting & SIAM Conference on Control and its Applications, San Diego, CA, United States, 2013–*Exponential splitting for cocycles over generalized non autonomous dynamical systems in Banach spaces*
<http://www.siam.org/meetings/an13/>
27. The 7th International Conference on Mathematics, Statistics and Mathematical Education–Athens Institute for Education and Research, ATINER, Athens, Greece, 2013–*Cocycles over multivalued non autonomous dynamical systems on Banach spaces*
<http://www.atiner.gr/mathematics.htm>
28. EWM/ICTP 5th Women in Mathematics Summer School on Mathematical Theories towards Environmental Models, The "Abdus Salam" International Centre for Theoretical Physics, Trieste, Italy, 2013–*Applications of the skew-evolution semiflows in mathematical models for the environment*
http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a12191

29. EMS/DMF Joint Mathematical Weekend, University of Aarhus, Denmark, 2013–*Trichotomy for cocycles over multivalued non autonomous dynamical systems in infinite dimensional spaces*
<http://projects.au.dk/emsweekend/>
30. The 13th International Conference on Mathematics and its Applications–Politehnica University of Timișoara, 2012–*Nonuniform behaviors for cocycles over multivalued non autonomous dynamical systems in Banach spaces*
http://www.mat.upt.ro/img/files/ICMA2012_Final_Programme.pdf
31. International Symposium – Research and Education in an Innovation Era, 4th Edition – Aurel Vlaicu University of Arad, 2012 – *On H-dichotomy in Banach spaces and Discrete-time linear systems characterized by evolution operators in Banach spaces*
<http://www.uav.ro/en/conferences/isreie-2012>
32. The 24th International Conference on Operator Theory–Institute of Mathematics of the Romanian Academy, West University of Timișoara, 2012–*Concepts of exponential trichotomy for evolution operators*
<http://www.imar.ro/ot/>
33. Trends in Mathematical Analysis – Politecnico di Milano, Italy, 2012–*Skew-evolution semiflows in the study of partial differential equations*
<http://www.mate.polimi.it/workshop/TMA2012/>
34. The 6th International Conference on Mathematics, Statistics and Mathematical Education–Athens Institute for Education and Research, ATINER, Athens, Greece, 2012–*Muldowney type asymptotic behaviors in the study of evolution equations*
<http://www.atiner.gr/mathematics.htm>
35. International Annual Session of Scientific Papers–University of Oradea, 2012–*A stochastic model for optimal investments*
<http://imtuoradea.ro/conf>
36. The 5th International Conference on Mathematics and Statistics–Athens Institute for Education and Research, ATINER, Athens, Greece, 2011–*Applications of the l^p -trichotomy in the study of difference equations*
<http://www.atiner.gr/abstracts/2011MAT-ABST.pdf>
37. International Annual Session of Scientific Papers–University of Oradea, 2011–*Stability in a classic model for economic growth*
<http://imtuoradea.ro/conf>
38. International Conference on Nonlinear Operators, Differential Equations and Applications–Babeș-Bolyai University, Cluj Napoca, 2011–*Various concepts of trichotomy in infinite dimensional spaces*
<http://www.cs.ubbcluj.ro/icnodeacj/index.htm>
39. International Conference on Theory and Applications in Mathematics and Informatics–University of Alba-Iulia, 2011–*Nonuniform behaviors for linear discrete-time systems in Banach spaces*

- <http://www.uab.ro/ictami/>
40. The 8th International Conference on Applied Mathematics–North University of Baia Mare, 2011–*Muldowney trichotomy in Banach spaces*
<http://icam.ubm.ro/?icam=ICAM8>
 41. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2011–*Applications of evolution equations in Banach spaces*
 42. International Conference on Mathematics and its Applications–The Academy of Romanian Scientists, 2010–*Concepts of dichotomy for skew-evolution semiflows in Banach spaces*
http://www.aos.ro/site_mod/Activitati/2011/RaportMatematica2010.pdf
 43. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2010–*Evolution equations in Banach spaces*
 44. SIAM International Congress–Joint SIAM/RSME-SCM-SEMA Meeting–Emerging Topics in Dynamical Systems and Partial Differential Equations–Universitat Politècnica de Catalunya, Barcelona, Spain, 2010–*On skew-evolution semiflows in infinite dimensional spaces*
<http://www.siam.org/meetings/dspdes/>
 45. The 4th International Conference on Mathematics and Statistics–Athens Institute for Education and Research, ATINER, Athens, Greece, 2010–*Various concepts of trichotomy for evolution equations in Banach spaces*
<http://www.atiner.gr/mathematics.htm>
 46. International Annual Session of Scientific Papers–University of Oradea, 2010–*Optimality in a bisectorial model for economic growth*
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 47. The 23rd International Conference on Operator Theory–Institute of Mathematics of the Romanian Academy, West University of Timișoara, 2010–*Dichotomy for skew-evolution operators in Banach spaces*
<http://www.imar.ro/ot/>
 48. The 7th International Conference on Applied Mathematics–North University of Baia Mare, 2010–*On nonuniform exponential dichotomy for evolution equations in Banach spaces*
<http://icam.ubm.ro/?icam=ICAM7>
 49. International Symposium–Research and Education in an Innovation Era, 3rd Edition–Aurel Vlaicu University of Arad, 2010–*Muldowney dichotomy in Banach spaces and Asymptotic behaviors for evolution equations in infinite dimensional space*
<http://www.uav.ro/en/conferences/isreie-2010>
 50. The 10th International Symposium Interdisciplinary Regional Research–Politehnica University, Faculty of Engineering, Hunedoara, 2009–*On H-trichotomy in Banach spaces*
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51. The International Symposium–Zilele Academice Timișene–West University of Timișoara, 2009–*Models of evolution equations*
52. International Annual Session of Scientific Papers–University of Oradea, 2009–*Dynamical model in discrete time for the evolution and the efficiency of a portfolio*
<http://imtuoradea.ro/conf>
53. The 3rd International Conference on Mathematics and Statistics–Athens Institute for Education and Research, ATINER, Athens, Greece, 2009–*Asymptotic properties for differential equations in Banach spaces*
<http://www.atiner.gr/mathematics.htm>
54. Tiberiu Popoviciu Seminar on Functional Equations, Approximation and Convexity–Babeș-Bolyai University, Cluj Napoca, 2009–*Exponential dichotomy for skew-evolution semiflows on Banach spaces*
<http://www.cs.ubbcluj.ro/lucrarile-seminarului-tiberiu-popoviciu-de-ecuatii-functionale-aproximare-si-convexitate/>
55. The 12th International Symposium of Mathematics and its Applications–Politehnica University of Timișoara, 2009–*Asymptotic properties for discrete linear systems on Banach spaces*
56. International Conference on Complex Analysis and Operator Theory–Seville, Spain 2008–*On exponential stability in Banach spaces*
<http://congreso.us.es/wascaot/>
57. International Seminar on Mathematical Analysis–Institut de Mathématiques de Bordeaux, France 2008–*Propriétés asymptotiques pour les cocycles d'évolution dans des espaces de Banach*
<http://www.math.u-bordeaux1.fr/imb/>
58. Research Group–Institut de Mathématiques de Bordeaux, France 2008–*Trichotomie dans des espaces de Banach*
<http://www.math.u-bordeaux1.fr/imb/>
59. The 22nd International Conference on Operator Theory–Institute of Mathematics of the Romanian Academy, West University of Timișoara, 2008–*Nonuniform behaviors for skew-evolution semiflows in Banach spaces*
<http://www.imar.ro/ot/>
60. International Annual Session of Scientific Papers–University of Oradea, 2008–*A bisectorial model for economic growth*
<http://imtuoradea.ro/conf>
61. INDAM Workshop on Holomorphic Iteration, Semigroups and Loewner Chains–Istituto Nazionale di Alta Matematica, La Sapienza Università di Roma, Italy, 2008–*Applications of the trichotomy for skew-evolution semiflows in the study of differential equations and systems of differential equations*
<http://congreso.us.es/holomorphic/>

62. The 6th International Conference on Applied Mathematics–North University of Baia Mare, 2008–*Discrete asymptotic behaviors for skew-evolution semiflows on Banach spaces*
<http://icam.ubm.ro/?icam=ICAM6>
63. Tiberiu Popoviciu Seminar on Functional Equations, Approximation and Convexity–Babeş-Bolyai University, Cluj Napoca, 2008–*Exponential dichotomy and trichotomy for skew-evolution semiflows in Banach spaces*
<http://www.cs.ubbcluj.ro/conferences-organized-by-the-faculty/>
64. International Symposium–Research and Education in an Innovation Era, 2nd Edition–Aurel Vlaicu University of Arad, 2008–*Skew-evolution semiflows in Banach spaces and Trichotomy for difference equations in Banach spaces*
65. International Conference on Nonlinear Operators, Differential Equations and Applications–Babeş-Bolyai University, Cluj Napoca, 2007–*Exponential instability of skew-evolution semiflows in Banach spaces*
http://www.cs.ubbcluj.ro/icnodeacj/icnodea_2007.htm
66. International Annual Session of Scientific Papers–University of Oradea, 2007–*On Cox-Ross-Rubinstein model for european type options*
<http://imtuoradea.ro/conf>
67. Tiberiu Popoviciu Seminar on Functional Equations, Aproximation and Convexity–Babeş-Bolyai University, Cluj Napoca, 2007–*Trichotomy for discrete skew-evolution semiflows in Banach spaces*
<http://www.cs.ubbcluj.ro/conferences-organized-by-the-faculty/>
68. International Conference on Harmonic and Functional Analysis–Centre International des Rencontres Mathématiques, Marseille, France 2007–*Instabilité des cocycles d'évolution fortement mesurables dans des espaces de Banach*
<http://www.cirm.univ-mrs.fr/>
69. International Annual Session of Scientific Papers–University of Oradea, 2006–*On Dasgupta-Heal-Solow model for investments*
<http://imtuoradea.ro/conf>
70. The 10th Conference of the Romanian Mathematical Society–University of Bucharest, 2006–*On uniform exponential trichotomy for linear difference equations in Banach spaces*
<http://rms.unibuc.ro/>
71. The 21st International Conference on Operator Theory–Institute of Mathematics of the Romanian Academy, West University of Timișoara, 2006–*Equivalent definitions for uniform exponential trichotomy of evolution operators in Banach spaces*
<http://www.imar.ro/ot/>
72. The 5th International Conference on Applied Mathematics–North University of Baia Mare, 2006–*On asymptotic behaviors for linear skew-evolution semiflows in Banach spaces*
<http://icam.ubm.ro/?icam=ICAM5>

73. International Conference on Applied Analysis and Differential Equations–Alexandru Ioan Cuza University of Iași, 2006–*Trichotomy for linear skew-product semiflows*
<http://www.math.uaic.ro/icaade/>
74. International Symposium–Research and Education in an Innovation Era–Aurel Vlaicu University of Arad, 2006–*Trichotomy in Hilbert spaces*
75. The 11th International Symposium on Mathematics and its Applications–Politehnica University of Timișoara, 2006–*On exponential trichotomy for discrete time skew-evolution semiflows in Banach spaces*
76. The 8th International Conference on Mathematical Analysis and Applications–West University of Timișoara, 2006–*Nonuniform trichotomy for linear skew-evolution semiflows in Banach spaces*
77. The 9th International Conference of the Romanian Mathematical Society, 2005–*A stochastic optimal control model for economic growth*
78. International Annual Session of Scientific Papers–University of Oradea, 2005–*An optimal consumption policy model for economic growth*
<http://imtuoradea.ro/conf>
79. Tiberiu Popoviciu Seminar on Functional Equations, Approximation and Convexity–Babeș-Bolyai University, Cluj Napoca, 2005–*On null uniform trichotomy of evolution operators in Hilbert spaces*
<http://www.cs.ubbcluj.ro/conferences-organized-by-the-faculty/>
80. The 7th International Conference on Mathematical Analysis and Applications–University of Craiova, 2005–*Trichotomy concepts in Banach spaces*
81. International Conference on Applied Mathematics–Pannonian Applied Mathematical Meetings Center PAMM, Budapest, Hungary, 2004–*Estimation of the curvature of Bernstein approximation*
<http://www.pamm.bme.hu>
82. International Annual Session of Scientific Papers–University of Oradea, 2004–*Pachpatte type inequalities for φ -convex functions*
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83. The 4th International Conference on Applied Mathematics–North University of Baia Mare, 2004–*Properties of the real φ -convex functions*
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84. The 30th International Scientific Conference–Modern Technologies in the 21st Century–Military Technical Academy, Bucharest, 2003–*Directional convexity for surfaces*
85. International Conference on Applied Mathematics–Pannonian Applied Mathematical Meetings Center PAMM, Budapest, Hungary, 2002–*Osculating convexity of superior order for plane curves*
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86. International Annual Session of Scientific Papers–University of Oradea, 2002–*Osculating convexity for curves versus convexities for functions*
<http://imtuoradea.ro/conf>
87. Anniversary Session of Scientific Papers–Aurel Vlaicu University of Arad, 2002–*Rectangular osculating convexity of superior order for plane curves*
88. International Annual Session of Scientific Papers–University of Oradea, 2002–*Approximation of the curvature of a function*
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89. International Session of Scientific Papers–Aurel Vlaicu University of Arad, 2000–*Representation theorems for functions having bounded E-variations*

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