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Curriculum Vitae

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Publicații științifice

Teza de doctorat

C. STOICA, *Comportări asimptotice pentru cocicli de evoluție în spații Banach*, Universitatea de Vest din Timișoara, Facultatea de Matematică, 2008; [AMS/MGP]

Cărți publicate

Cărți și monografii publicate

1. C. STOICA, *Aspecte clasice și moderne în studiul ecuațiilor diferențiale și cu diferențe*, Editura Mirton, Timișoara, 2011, ISBN 978-973-52-1036-6; [WorldCat]
2. C. STOICA, *Uniform Asymptotic Behaviors for Skew-Evolution Semiflows on Banach Spaces*, Editura Mirton, 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*, Editura Școala Vremii, 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*, Editura Școala Vremii, Arad, 2004, ISBN 973-86695-0-2
5. C. STOICA, *Ecuații diferențiale și cu derivate parțiale prin exerciții și probleme*, Ediția a II-a revăzută și completată, Editura Mirton, Timișoara, 2004, ISBN 973-661-490-5; [WorldCat]
6. C. STOICA, *Ecuații diferențiale și cu derivate parțiale prin exerciții și probleme*, Editura Mirton, Timișoara, 2002, ISBN 973-585-670-0; [Zbl 1129.00301]
7. G. CRISTESCU, C. BOTA, *Ecuații diferențiale și cu derivate parțiale*, Editura Mirton, Timișoara, 2001, ISBN 973-585-373-6; [Zbl 1040.34001]

Tratate în edituri recunoscute/ 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*, Ediția a 5-a, Editura Universității "Aurel Vlaicu" din Arad (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*, Ediția a 4-a, Editura Universității "Aurel Vlaicu" din Arad (2012) ISSN 2065 2569
4. S. NĂDĂBAN, C. STOICA, *Concursul de Matematică "Caius Iacob"*, Editura Universității "Aurel Vlaicu" din Arad (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, Ediția a 2-a, Editura Universității "Aurel Vlaicu" din Arad (2008) ISSN 2065 2569; [WorldCat]
6. D. GAȘPAR, M. MEGAN (Editors-in-Chief), Proceedings of the 8th Conference on Mathematical Analysis and Applications, Editura Universității de Vest din Timișoara, 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, Editura Universității de Vest din Timișoara, 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, Editura Mirton, Timișoara (2006) ISBN 978-973-52-0108-1; [WorldCat]
9. M. MEGAN (Editor-in-Chief), Proceedings of the 9th Conference of the Romanian Mathematical Society, Editura Universității de Vest din Timișoara (2006) ISBN 973-7608-37-2
10. S. NĂDĂBAN (Editor-in-Chief), Theory and Applications of Mathematics & Computer Science, Editura Universității "Aurel Vlaicu" din Arad, ISSN 2067-2764

Articole științifice publicate

Articole științifice în reviste de specialitate indexate în Web of Science și în alte baze de date internaționale

1. C. STOICA, *On classes of dichotomy for skew-evolution semiflows associated to control systems*, AIP Conference Proceedings 2116, 450047, DOI: 10.1063/1.5114514 (2019); [Web of Science]
2. C. STOICA, *On dichotomy and splitting issues for evolution equations*, AIP Conference Proceedings 1978, 470070, DOI: 10.1063/1.5044140 (2018); [Web of Science]
3. 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]
4. 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]
5. 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]
6. 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]
7. 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]

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8. 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]
9. 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]
10. 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]
11. 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
12. 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]
13. 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]
14. C. STOICA, L. BIRIȘ, *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 Timisoara (2013) 131-136, ISSN 1224-6069; [Zbl se:00002373]
15. 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]
16. 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]
17. 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]
18. C. STOICA, M. MEGAN, *On (h, k) -trichotomy for skew-evolution semiflows in Banach spaces*, Studia Universitatis Babeș-Bolyai Mathematica, 56, No. 4 (2011) 147-156, ISSN 0252-1938; [MR2896746], [Zbl 1274.34154]
19. 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]
20. C. STOICA, *On polynomial stability for skew-evolution semiflows on Banach spaces* (2011) 1-10, hal: 00641559; [WorldCat]
21. 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](#)]
22. 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\(2012b:34153\)](#)]
23. 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](#)]
24. 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](#)]
25. C. STOICA, *On nonuniform exponential stability for skew-evolution semiflows on Banach spaces* (2010) 1-11, arxiv: 1002.1180 [math.CA]; [[WorldCat](#)]
26. C. STOICA, *Dichotomies for evolution equations in Banach spaces* (2010) 1-22, arxiv: 1002.1139 [math.CA]; [[WorldCat](#)]
27. 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](#)]
28. 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](#)]
29. 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 Timisoara (2009) 188-193, ISSN 1224-6069; [[MR2655051](#)], [[Zbl 1224.39011](#)]
30. 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](#)]
31. 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](#)]
32. 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](#)]
33. M. MEGAN, C. STOICA, *On uniform exponential trichotomy of evolution operators in Banach spaces*, Integral Equations and Operator Theory, Vol. 60, No. 4 (2008) 499-506, ISSN 0378-620X; [[Web of Science](#)], [[MR2390441\(2009b:34150\)](#)], [[Zbl 1151.34051](#)], [[WorldCat](#)]
34. M. MEGAN, C. STOICA, *Equivalent definitions for uniform exponential trichotomy of evolution operators in Banach spaces*, Hot Topics in Operator Theory, Theta Ser. Adv. Math. 9 (2008) 151-158, ISBN 978-973-87899-2-0; [[Web of Science](#)], [[MR2436759\(2009j:34116\)](#)], [[Zbl 1199.34252](#)], [[WorldCat](#)]

35. M. MEGAN, C. STOICA, *Exponential instability of skew-evolution semiflows in Banach spaces*, Studia Universitatis Babes-Bolyai Mathematica, Vol. LIII, No. 1 (2008) 17-24, ISSN 0252-1938; [MR2442730(2009h:47104)], [WorldCat]
36. C. STOICA, M. MEGAN, *Exponential dichotomy and trichotomy for skew-evolution semiflows on Banach spaces*, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, Cluj-Napoca, Vol. 6 (2008) 97-104, ISSN 1584-4536; [Zbl 1165.34038], [WorldCat]
37. C. STOICA, *A bisectorial model for economic growth*, Annals of the Oradea University. Fascicle of Management and Technological Engineering VII(XVII) (2008) 2778-2781, ISSN 1583-0713; [UlrichsWeb], [Intute]
38. C. STOICA, *On exponential stability for skew-evolution-semiflows on Banach spaces*, Serie de Preprints en Mathématiques, Institut de Mathématiques de Bordeaux, France (2008) 1-25, arxiv: 0804.1479 [math.CA]; [WorldCat]
39. M. MEGAN, C. STOICA, L. BULIGA, *Trichotomy for linear skew-product semiflows*, Applied Analysis and Differential Equations, World Scientific Publ. (2007) 227-236, ISBN 978-981-270-594-5; [MR2343674], [Zbl 1184.37021], [WorldCat]
40. M. MEGAN, C. STOICA, *Trichotomy for discrete skew-evolution semiflows in Banach spaces*, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, Vol. 5 (2007) 79-85, ISSN 1584-4536; [Zbl 1158.39008]
41. M. MEGAN, C. STOICA, *Nonuniform trichotomy for linear skew-evolution semiflows in Banach spaces*, Analele Universitatii de Vest din Timisoara, Vol. XLV, Fascicle 2 (2007) 57-66, ISSN 1841-3293; [MR2978024], [Zbl 1174.34044]
42. M. MEGAN, C. STOICA, L. BULIGA, *On asymptotic behaviors for linear skew-evolution semiflows in Banach spaces*, Carpathian Journal of Mathematics, Vol 23, No. 1-2 (2007) 117-125, ISSN 1584-2851; [MR2305844(2008b:34082)], [Zbl 1199.39004]
43. C. STOICA, *On Cox–Ross–Rubinstein model for european type options*, Annals of the Oradea University. Fascicle of Management and Technological Engineering VI(XVI) (2007) 1996-1999, ISSN 1583-0713; [UlrichsWeb], [Intute]
44. M. MEGAN, C. STOICA, *On exponential trichotomy for discrete time skew-evolution semiflows in Banach spaces*, Scientific Bulletin of the Politehnica University of Timisoara, Series Mathematics-Physics, Tom 51 (65), Fascicle 2, 25-32 (2006), ISSN 1224-6069; [MR2417629(2009e:34128)], [Zbl 1164.37352]
45. C. STOICA, *On Dasgupta - Heal - Solow model for investments*, Annals of the Oradea University. Fascicle of Management and Technological Engineering V(XV) (2006) 1470-1474, ISSN 1583-0713; [UlrichsWeb], [Intute]
46. C. STOICA, M. MEGAN, *Uniform exponential instability of evolution operators in Banach spaces*, Analele Universitatii de Vest din Timisoara, Vol. XLIV, Fascicle 2 (2006) 143-148, ISSN 1841-3293; [MR2368691(2008i:47083)], [Zbl 1174.93683]
47. C. STOICA, *An optimal consumption policy model for economic growth*, Annals of the Oradea University. Fascicle of Management and Technological Engineering IV(XIV) (2005) 337-342, ISSN 1583-0713; [UlrichsWeb], [Intute]

48. G. CRISTESCU, C. STOICA, *A minimax property for a class of perfect information games*, Scientific Bulletin of the Politehnica University of Timisoara, Series Mathematics-Physics, Tom 50 (64), Fascicle 1 (2005) 19-23, ISSN 1224-6069; [MR2278158(2007h:91003)], [Zbl 1113.91008]
49. C. STOICA, *Pachpatte type inequalities for φ -convex functions*, Annals of the Oradea University. Fascicle of Management and Technological Engineering Vol. III(XIII) (2004) 48-51, ISSN 1583-0713; [UlrichsWeb], [Intute]
50. C. STOICA, *Properties of the real φ -convex functions*, Carpathian Journal of Mathematics, Vol. 20, No. 1 (2004) 135-140, ISSN 1584-2851; [MR2138536(2006a:26016)], [Zbl 1073.26009]
51. G. CRISTESCU, C. STOICA, *Approximation of the curvature of a function*, Annals of the Oradea University. Fascicle of Management and Technological Engineering II(XII) (2003) 28-36, ISSN 1583-0713; [UlrichsWeb], [Intute]
52. C. STOICA, L. SIDA, *Osculating convexity of first order for plane curves*, Scientific Bulletin of the Politehnica University of Timisoara, Series Mathematics-Physics, Tom 47 (61), Fascicle 1 (2002) 45-52, ISSN 1224-6069; [MR1947150(2003k:52002)], [Zbl 1052.53006]
53. L. SIDA, C. STOICA, *Osculating convexity for curves versus convexities for functions*, Annals of the Oradea University. Fascicle of Management and Technological Engineering I (2002) 179-184, ISSN 1583-0713; [UlrichsWeb], [Intute]
54. C. STOICA, L. SIDA, *Osculating convexity of superior order for plane curves*, Bulletins for Applied & Computer Mathematics, BAM1990-C/2003, PAMM Pannonian Applied Mathematical Meetings Center at the Technical University of Budapest (2002) 111-120, ISSN 0133-3526; [Zbl 1052.53006]

Articole științifice publicate în volumele unor conferințe internaționale

55. C. STOICA, *Current trends in the approach of evolution equations*, ATINER's Conference Paper Series, No: MAT2019-2715028 (2019), ISBN: 978-960-598-275-1
56. C. STOICA, *On stochastic splitting issues for evolution equations*, ATINER's Conference Paper Series, No: EMS2018-25 (2018), ISBN: 978-960-598-210-2
57. C. STOICA, *A stochastic approach of dynamical systems by means of cocycles*, ATINER's Conference Paper Series, No: EMS2016-2133 (2017) 3-9, ISSN 2241-2891
58. M. PANTEA, C. STOICA, T. CILAN, R. ALMAȘI, R. LILE, *Study on the students' perception regarding the insertion in the accounting labor market*, "Pavel Ciuce" Symposium, 15th Edition (2017) 332-347, Casa Cărții de Știință Publishing House, colecția Economie, ISSN 2344-2239
59. C. STOICA, *Exponential dichotomy versus exponential splitting for skew-evolution semi-flows in infinite dimensional spaces*, ATINER's Conference Paper Series, No: FOR2015-1744 (2015) 3-9, ISSN 2241-2891
60. C. STOICA, D. BORLEA, *Stability issues in infinite dimensional spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section

Mathematics and Computer Science, 5th Edition, Aurel Vlaicu University of Arad Publishing House (2014) 1-6, ISSN 2065-2569

61. D. BORLEA, C. STOICA, *Discrete-time linear systems characterized by evolution operators in Banach spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section Mathematics and Computer Science, 4th Edition, Aurel Vlaicu University of Arad Publishing House (2012) 33-42, ISSN 2065-2569
62. C. STOICA, M. MEGAN, *Asymptotic behaviors for evolution equations in infinite dimensional spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section Mathematics, 3rd Edition, Aurel Vlaicu University of Arad Publishing House (2010) 187-191, ISSN 2065-2569
63. C. STOICA, D. BORLEA, *Muldowney dichotomy in Banach spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section Mathematics and Computer Science, 3rd Edition, Aurel Vlaicu University of Arad Publishing House (2010) 109-113, ISSN 2065-2569
64. C. STOICA, M. MEGAN, *Trichotomy for difference equations in Banach spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section Mathematics and Computer Science, 2nd Edition, Aurel Vlaicu University of Arad Publishing House (2008) 141-146, ISSN 2065-2569
65. M. MEGAN, C. STOICA, *Trichotomy in Hilbert spaces*, Proceedings of the International Symposium "Research and Education in Innovation Era", Section Mathematics and Computer Science, Mirton Publishing House, Timisoara (2007) 70-77, ISBN 978-973-52-0108-1
66. M. MEGAN, C. STOICA, *On null uniform exponential trichotomy of evolution operators in Hilbert spaces*, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, Cluj-Napoca, Vol. 3 (2005) 141-150, ISSN 1584-4536
67. M. MEGAN, C. STOICA, *A stochastic optimal control model for economic growth*, Proceedings of the 9th Conference of the Romanian Mathematical Society, West University of Timișoara Publishing House (2005) 434-444, ISBN 973-7608-37-2
68. G. CRISTESCU, C. STOICA, *Estimation of the curvature of Bernstein approximation*, Bulletins for Applied & Computer Mathematics, BAM-2085/2004 (CIII), PAMM Panonian Applied Mathematical Meetings Center at the Technical University of Budapest (2004) 107-114, ISSN 0133-3526
69. C. STOICA, *Directional convexity for surfaces*, Proceedings of the 30th International Scientific Conference of the Military Technical Academy, Bucharest (2003) 133-139, ISBN 973-640-012-3

Alte articole științifice

70. C. STOICA, *Instabilité des cocycles d'évolution fortement mesurables dans des espaces de Banach*, Serie de Preprints en Mathématiques, Institut de Mathématiques de Bordeaux, France (2008) 1-8, arxiv: 0801.3401 [math.CA]
71. C. STOICA, M. MEGAN, *On asymptotic behaviors of evolution operators in Banach spaces*, Seria de Preprinturi în Matematică, Universitatea de Vest din Timișoara (2006) 1-22, ISSN 1453-7389

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72. C. STOICA, *Mathematical unisectorial models for economic growth*, Annals of the Aurel Vlaicu University of Arad, Series Economics (2005) 69-76, ISSN 1582-3385
73. C. STOICA, *A control theory model for monetary strategies*, Annals of the Aurel Vlaicu University of Arad, Series Mathematics, Fascicle Mathematics-Computer Science (2004) 65-70, ISSN 1582-344X
74. G. CRISTESCU, C. STOICA, *An equilibrium property for perfect information games*, Annals of the Aurel Vlaicu University of Arad, Series Mathematics, Fascicle Mathematics-Computer Science (2004) 16-21, ISSN 1582-344X
75. C. STOICA, *Rectangular osculating convexity of superior order for plane curves*, Annals of the Aurel Vlaicu University of Arad, Series Mathematics, Fascicle Mathematics-Computer Science (2002) 146-151, ISSN 1582-344X
76. G. CRISTESCU, C. BOTA, *Representation theorems for functions having bounded E-variations*, Annals of the Aurel Vlaicu University of Arad, Series Mathematics, Fascicle Mathematics-Computer Science (2000) 39-44, ISSN 1582-344X
77. C. BOTA, *Aspects of the budget of the European Union*, Annals of the Aurel Vlaicu University of Arad, Series Economics (2000) 37-42, ISSN 1582-3385
78. C. BOTA, *Mathematical games*, Buletin Științific Arădean, Editura Felix, Arad (1996) 64-67, ISBN 973-97060-6-1

Contribuții științifice la conferințe internaționale

1. National Colloquium with International Participation "Gender Equality"—Aurel Vlaicu University of Arad, 2020—*On gender equality in science*
<http://uav.ro/ro/cercetare/institutul-european/francofonie>
2. La Fête de la Francophonie—Aurel Vlaicu University of Arad, 2020—*Coopeération académique franco-roumaine*
<http://uav.ro/ro/cercetare/institutul-european/francofonie>
3. The 17th International Conference of Numerical Analysis and Applied Mathematics—Rhodes, Greece, 2019—*Advances in the stability theory of evolution equations*
http://history.icnaam.org/icnaam_2019/icnaam.org/index.html
4. The 13th International Conference on Mathematics & Statistics: Teaching, Theory & Applications—Athens Institute for Education and Research, ATINER, Athens, Greece, 2019—*Current trends in the approach of evolution equations*
<http://www.atiner.gr/mathematics.htm>
5. International Symposium—Research and Education in an Innovation Era, 8th Edition—Aurel Vlaicu University of Arad, 2019—*Approaching the evolution equations by means of operator families*
<http://www.uav.ro/en/conferences/isreie-2019>
<http://www.uav.ro/en/conferences/isreie-2019>

6. Promovarea culturii de business în rândul tinerilor–Aurel Vlaicu University of Arad, 2019–*Importanța cercetării și inovării în formarea spiritului întreprinzător*
<https://economice.uav.ro/evenimente>
7. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2019–*Research and education in the romanian academic system*
8. La Fête de la Francophonie, 2019–*Autour de la question de l'excellence dans les syst'emes d'enseignement français et roumain*
<http://uav.ro/ro/cercetare/institutul-european/francofonie>
9. 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/icnaam.org/index.html
10. 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>
11. 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>
12. Mathematics and Discrimination–Aurel Vlaicu University of Arad, 2018–*Excellence and devotion: women in mathematics*
13. 70 Years of Mathematics in the Western Part of Romania–Aurel Vlaicu University of Arad, 2018–*Women scientists in the centennial year*
14. 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>
15. International Symposium–Research and Education in an Innovation Era, 7th Edition–Aurel Vlaicu University of Arad, 2018–*Celebrating together science and education in Romania's centennial year*
<http://www.uav.ro/en/conferences/isreie-2018>
16. Research and Innovation in the Romanian Academic Community–International Economic Fair, Romania, 2018–*The performance and visibility of AVU's scientific research*
17. La Fête de la Francophonie, 2018–*Lxcellence dans la recherche scientifique française - présent et perspectives*
<http://uav.ro/ro/cercetare/institutul-european/francofonie>

18. 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
19. 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>
20. The Spring Scientific Session–The Academy of Romanian Scientists, 2017–*Stability, dichotomy and splitting for evolution equations in Banach spaces*
21. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2017–*The Romanian higher education system*
22. 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>
23. 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>
24. 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
25. 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>
26. 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>
27. 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>
28. 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

29. 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
30. 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>
31. 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/>
32. 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>
33. 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>
34. 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*
35. 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/>
36. Induction Meeting–Internationalisation, Equity and Institutional Management for a Quality Higher Education–IEMU, Bucharest, 2014
<http://iemu.forhe.ro/internationalizare/>
37. 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>
38. 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/>
39. 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>

40. 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
41. 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/>
42. The 13th International Conference on Mathematics and its Applications–Politehnica University of Timisoara, 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
43. 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>
44. 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/>
45. 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/>
46. 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>
47. International Annual Session of Scientific Papers–University of Oradea, 2012–*A stochastic model for optimal investments*
<http://imtuoradea.ro/conf>
48. 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>
49. International Annual Session of Scientific Papers–University of Oradea, 2011–*Stability in a classic model for economic growth*
<http://imtuoradea.ro/conf>
50. 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>

51. 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/>
52. The 8th International Conference on Applied Mathematics–North University of Baia Mare, 2011–*Muldowney trichotomy in Banach spaces*
<http://icam.ubm.ro/?icam=ICAM8>
53. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2011–*Applications of evolution equations in Banach spaces*
54. 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
55. The International Conference on Mathematics Tiberiu Popoviciu–The Romanian Mathematical Society, 2010–*Evolution equations in Banach spaces*
56. 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/>
57. 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>
58. International Annual Session of Scientific Papers–University of Oradea, 2010–*Optimality in a bisectorial model for economic growth*
<http://imtuoradea.ro/conf>
59. 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/>
60. 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>
61. 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>

62. The 10th International Symposium Interdisciplinary Regional Research–Politehnica University, Faculty of Engineering, Hunedoara, 2009–*On H-trichotomy in Banach spaces*
<http://annals.fih.upt.ro>
63. The International Symposium–Zilele Academice Timișene–West University of Timișoara, 2009–*Models of evolution equations*
64. 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>
65. 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>
66. 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/>
67. The 12th International Symposium of Mathematics and its Applications–Politehnica University of Timisoara, 2009–*Asymptotic properties for discrete linear systems on Banach spaces*
68. International Conference on Complex Analysis and Operator Theory–Seville, Spain 2008–*On exponential stability in Banach spaces*
<http://congreso.us.es/wsaot/>
69. 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/>
70. Research Group–Institut de Mathématiques de Bordeaux, France 2008–*Trichotomie dans des espaces de Banach*
<http://www.math.u-bordeaux1.fr/imb/>
71. 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/>
72. International Annual Session of Scientific Papers–University of Oradea, 2008–*A bisectorial model for economic growth*
<http://imtuoradea.ro/conf>
73. 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/>

74. 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>
75. 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/>
76. 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*
77. 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
78. International Annual Session of Scientific Papers–University of Oradea, 2007–*On Cox-Ross-Rubinstein model for european type options*
<http://imtuoradea.ro/conf>
79. 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/>
80. 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/>
81. International Annual Session of Scientific Papers–University of Oradea, 2006–*On Dasgupta-Heal-Solow model for investments*
<http://imtuoradea.ro/conf>
82. 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/>
83. 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/>

84. 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>
85. 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/>
86. International Symposium–Research and Education in an Innovation Era–Aurel Vlaicu University of Arad, 2006–*Trichotomy in Hilbert spaces*
87. The 11th International Symposium on Mathematics and its Applications–Politehnica University of Timisoara, 2006–*On exponential trichotomy for discrete time skew-evolution semiflows in Banach spaces*
88. The 8th International Conference on Mathematical Analysis and Applications–West University of Timisoara, 2006–*Nonuniform trichotomy for linear skew-evolution semiflows in Banach spaces*
89. The 9th International Conference of the Romanian Mathematical Society, 2005–*A stochastic optimal control model for economic growth*
90. International Annual Session of Scientific Papers–University of Oradea, 2005–*An optimal consumption policy model for economic growth*
<http://imtuoradea.ro/conf>
91. Tiberiu Popoviciu Seminar on Functional Equations, Aproximation and Convexity–Babeş-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/>
92. The 7th International Conference on Mathematical Analysis and Applications–University of Craiova, 2005–*Trichotomy concepts in Banach spaces*
93. 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>
94. International Annual Session of Scientific Papers–University of Oradea, 2004–*Pachpatte type inequalities for φ -convex functions*
<http://imtuoradea.ro/conf>
95. The 4th International Conference on Applied Mathematics–North University of Baia Mare, 2004–*Properties of the real φ -convex functions*
<http://icam.ubm.ro/?icam=ICAM4>
96. The 30th International Scientific Conference–Modern Technologies in the 21st Century–Military Technical Academy, Bucharest, 2003–*Directional convexity for surfaces*

97. International Conference on Applied Mathematics–Pannonian Applied Mathematical Meetings Center PAMM, Budapest, Hungary, 2002–*Osculating convexity of superior order for plane curves*
<http://www.pamm.bme.hu>
98. International Annual Session of Scientific Papers–University of Oradea, 2002–*Osculating convexity for curves versus convexities for functions*
<http://imtuoradea.ro/conf>
99. Anniversary Session of Scientific Papers–Aurel Vlaicu University of Arad, 2002–*Rectangular osculating convexity of superior order for plane curves*
100. International Annual Session of Scientific Papers–University of Oradea, 2002–*Approximation of the curvature of a function*
<http://imtuoradea.ro/conf>
101. International Session of Scientific Papers–Aurel Vlaicu University of Arad, 2000–*Representation theorems for functions having bounded E-variations*

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