

AURELIAN CERNEA

Data și locul nașterii: 1 Martie 1968, Ploiești, Romania.

Naționalitatea: Româna.

Limbi străine: Engleză, Franceză.

Studii

- 1974-1982 Școala cu clasele I-VIII nr.21, Ploiești,
- 1982-1986 Liceul "I.L.Caragiale", Ploiești, secția matematică-fizică,
- 1986-1987 Stagiul militar cu termen redus la U.M. 01184, Bacău,
- 1987-1992 Facultatea de Matematică, Universitatea București (absolvită cu media 10.00),
- 1992-1993 Diplomă de studii aprofundate, Universitatea Paris XI, Franța,
- 1994-1995 Doctorat în Matematică, Universitatea București.

Activitatea profesională

15 iulie 1993 - 1 august 1994 asistent de cercetare stagiar, Institutul de Matematică, Academia Română,

1 august 1994 - 1 decembrie 1995 asistent de cercetare, Institutul de Matematică, Academia Română,

1 decembrie 1995 - 1 martie 1998 cercetător științific, Institutul de Matematică, Academia Română,

1 martie 1998 - 1 octombrie 1998 cercetător științific principal III, Institutul de Matematică, Academia Română,

1 octombrie 1998 - 18 februarie 2002 lector universitar, Facultatea de Matematică, Universitatea din București,

18 februarie 2002 - 1 octombrie 2009 conferențiar universitar, Facultatea de Matematică, Universitatea din București,

1 octombrie 2009 - profesor universitar, Facultatea de Matematică și Informatică, Universitatea din București.

Domenii științifice de interes

Ecuatii diferențiale, Incluziuni diferențiale, Teoria controlului optimal, Analiza fără netezime, Teoria viabilității.

Activitatea științifică

- cărți: 8
- articole științifice: 240
- expuneri la conferințe internaționale: 85
- expuneri la manifestări științifice naționale: 22

Participări la activități științifice internaționale

- expuneri la conferințe internaționale desfășurate în străinătate:

Paris (Franța) 1994; Brno (Cehia) 1997, 2009; Varșovia (Polonia) 1997; Levico Terme (Italia) 1998; Metz (Franța) 1998; Vișegrad (Ungaria) 1999; Torun (Polonia) 1999; Barcelona (Spania) 2000; Aveiro (Portugalia) 2000, 2006, 2016; Praga (Cehia) 2001, 2013; Notre Dame, Indiana (S.U.A.) 2002; Perpignan (Franța) 2002, 2016; Roscoff (Franța) 2003; Hasselt (Belgia) 2003; Bedlewo (Polonia) 2004; Delft (Olanda) 2004; Stockholm (Suedia) 2004; Bratislava (Slovacia) 2005, 2017; Borovets (Bulgaria) 2005; Viena (Austria) 2006, 2007; Madrid (Spania) 2006, 2014; Budapesta (Ungaria) 2007, 2010, 2012; Amsterdam (Olanda) 2008; Poitiers (Franța) 2010; Loughborough (Marea Britanie) 2011; Lyon (Franța) 2014; Amadora (Portugalia) 2015, 2017; Szeged (Ungaria) 2015, 2019; Istanbul (Turcia) 2015; Erice (Italia) 2016; Novi Sad (Serbia) 2016; Sofia (Bulgaria) 2017; Cracovia (Polonia) 2018; Taipei (Taiwan) 2018; Santiago de Compostela (Spania) 2018; Lisabona (Portugalia) 2019.

- expuneri la conferințe internaționale desfășurate în țară:

Cluj-Napoca 1994, 1996, 2004, 2007, 2011, 2012, 2015; Ilieni 1995; București 1995, 2007, 2012, 2013; Constanța 1996, 1997, 1998, 2002, 2005, 2009, 2019; Băile Felix 2001; Pitești 2003; Iași 2006, 2012, 2015; Brașov 2008, 2011, 2014, 2016, 2018; Baia Mare 2008; Sinaia 2009, 2013; Alba Iulia 2013; Craiova 2016; Galați 2019; Târgoviște 2019.

- burse Tempus:

Universitatea Paris XI, Franța: 1 octombrie 1992- 31 iulie 1993, 1 octombrie 1993- 31 martie 1994.

- burse postdoctorale:

Universitatea Aveiro, Portugalia: 1 iulie - 30 septembrie 2000;

Ecole Polytechnique, Paris, Franța: 2 martie - 31 mai 2003, 25 februarie - 24 mai 2004.

- participări la conferințe, vizite, cursuri, școli de vară în străinătate (a se vedea lista alăturată):

Varșovia (Polonia) 1991, 2001; Montreal (Canada) 1992; Paris (Franța) 2013; Perpignan (Franța) 2016.

Activitatea didactică

Cursuri ținute la Facultatea de Matematică și Informatică a Universității București: Ecuții diferențiale, Ecuții diferențiale și integrale, Ecuții cu derivate parțiale, Ecuții diferențiale și cu derivate parțiale, Control optimal și aplicații, Equations différentielles et intégrales.

Distincții

Premiul „Spiru Haret” al Academiei Române pe anul 2003.

Diplome ale Universității din București pentru activitatea de cercetare științifică în anii 2005, 2006, 2007, 2008.

Membru corespondent al Academiei Oamenilor de Știință din România (din 26 mai 2016). [Membru asociat: 26 martie 2015 - 26 mai 2016].

Alte activități

Conducător de doctorat (din 2011).

Cercetător științific I, Facultatea de Științe Aplicate, Universitatea „Politehnica” din București (5 octombrie 2011 - 4 octombrie 2016).

Membru în Comitetului Editorial al revistei „Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications” (din 2012).

Membru în Comitetul Științific al „Seminarul Itinerant Românesc de Analiză Matematică și Aplicațiile Sale” (din 2017).

Mentor pentru cercetători postdoctorali: 1(Anca Marcoci, 1 iunie 2014 - 13 decembrie 2015).

Membru în comisii de abilitare: 5(1 - Universitatea „Babeș-Bolyai” Cluj-Napoca, 2 - Academia Română București, 1 - Universitatea București, 1 - Universitatea de Vest Timișoara).

Membru în comisii de doctorat: 17(2 - Universitatea București, 7 - Universitatea „Babeș-Bolyai” Cluj-Napoca, 1 - Universitatea Tehnică Cluj-Napoca, 1 - Universitatea „Al. I. Cuza” Iași, 2 - Academia Română București, 2 - Government College University Lahore Pakistan, 2 - Universitatea Politehnica București).

Membru al American Mathematical Society (din 2006).

Recenzent la Mathematical Reviews (din 2004) [72 recenzii].

Recenzent la Zentralblatt MATH (din 2009) [52 recenzii].

Granturi

Director al granturilor:

- CNCSIS AT/243/2001 (Existența soluțiilor pentru unele clase de incluziuni de evoluție),

- CNCSIS AT/323/2002 (Incluziuni diferențiale cu restricții de fază),

- CNCSIS A/887/2005-2006 (Incluziuni diferențiale, incluziuni discrete și aplicații în control optimal și jocuri diferențiale).

Membru al granturilor:

- GAR 5260/1996 (Probleme calitative ale sistemelor de comandă și aplicații),

- GAR 2563/1997 (Studiul unor clase de sisteme de comanda și aplicații),

- GAR 110/1998 (Aplicații ale algebrelor Lie și probleme de comanda pentru sisteme deterministe și stocastice),

- CNCSIS A/726/2002-651/2003,2004 (Metoda programării dinamice în teoria jocurilor diferențiale),

- CERES C4/187/2004-2006 (Modelare matematică: rezultate abstracte și aplicații),

- POSDRU 56/1.2/S/32768/2011-2013 (Formarea cadrelor didactice universitare și a studenților în domeniul utilizării unor instrumente moderne de predare-învățare-evaluare pentru disciplinele matematice în vederea creării de competențe performante și practice pentru piața muncii),

- PN/II/ID/PCE/3/0198/2011-2016 (Studiu calitativ al ecuațiilor diferențiale cu argument deplasat cu aplicații la modelarea și simularea tratamentului leucemiei),

LISTA DE PUBLICAȚII

A. Cărți

1. Incluziuni diferențiale și aplicații, Editura Universității din București, 2000.
2. Incluziuni diferențiale hiperbolice și control optimal, Editura Academiei Române, București, 2001.
3. Aspecte calitative în teoria incluziunilor diferențiale, Editura Cartea Universitară, București, 2004.
4. Control optimal pentru incluziuni cu întârziere, Editura Matrix Rom, București, 2006.
5. Incluziuni diferențiale semiliniare de ordinul al doilea în spații Banach, Editura Matrix Rom, București, 2008.
6. Elemente de teoria ecuațiilor diferențiale, Editura Universității din București, 2010.
7. Introducere în teoria controlului optimal, Editura Universității din București, 2012.
8. Ecuații diferențiale ordinare cu aplicații în mecanică, fizică și inginerie, Editura StudIS, Iași, 2013 (cu I. Cașu, D. Comănescu, S. Comșa, G. Cosovici, E. Popescu, I. Toma).

B. Articole publicate în reviste „peer review”

1. Regularity properties of the value functions in optimal control, Studii și Cercetări Matematice, vol. 46, nr. 1, 1994, pag. 3-10 (cu C. Boboc).
2. Conditions nécessaires d'optimalité pour les solutions d'une inclusion différentielle avec contraintes d'état, Bulletin of the Polish Academy of Sciences, Mathematics, vol. 43, nr. 2, 1995, pag. 169-173.
3. Minimum principle for some classes of nonconvex differential inclusions, Analele Științifice ale Universității „Al. I. Cuza” Iași, Matematică, vol. 41, nr. 2, 1995, pag. 307-324 (cu Ș. Mirică).
4. Continuous imbedding of a solution of a differential inclusion, Studii și Cercetări Matematice, vol. 48, nr. 1-2, 1996, pag. 15-23 (cu Ș. Mirică).
5. Quasitangent differentiability and derived cones to reachable sets of control systems, Nonlinear Differential Equations and Applications, vol. 4, nr. 2, 1997, pag. 169-184 (cu Ș. Mirică).
6. Continuous version of Filippov's theorem for a semilinear differential inclusion, Studii și Cercetări Matematice, vol. 49, nr. 5-6, 1997, pag. 319-330.
7. Some qualitative properties of the solution set of an infinite horizon operational differential inclusion, Revue Roumaine de Mathématiques Pures et Appliquées, vol. 43, nr. 3-4, 1998, pag. 317-328.
8. A Filippov type existence theorem for an infinite horizon operational differential inclusion, Studii și Cercetări Matematice, vol. 50, nr. 1-2, 1998, pag. 15-22.
9. Finite state constraints in optimal control of differential inclusions, Studii și Cercetări Matematice, vol. 50, nr. 5-6, 1998, pag. 327-336.

10. Derived cones to reachable sets of differential inclusions, *Mathematica*, vol. 40(63), nr. 1, 1998, pag. 35-62 (cu Ș. Mirică).
11. On an integral inclusion with delays and shifts, *Analele Universității București, Matematică-Informatică*, vol. 47, Special Issue, 1998, pag. 65-72.
12. Continuous selections of solutions sets of nonlinear integrodifferential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 44, nr. 3, 1999, pag. 341-351.
13. On a nonlinear integrodifferential inclusion, *Mathematica*, vol. 41(64), nr.1, 1999, pag. 31-37.
14. On the set of solutions of a nonconvex integral inclusion, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 42(90), nr. 1, 1999, pag. 23-39.
15. On the solution set of a class of integrodifferential inclusions, *Analele Universității București, Matematică-Informatică*, vol. 48, nr. 2, 1999, pag. 21-28.
16. Some topological properties of a nonconvex integral inclusion, *Topological Methods in Nonlinear Analysis*, vol. 15, nr. 1, 2000, pag. 33-41.
17. Arcwise connectedness of solution set of an infinite horizon nonlinear integrodifferential inclusion, *Pure Mathematics and Applications*, vol. 11, nr. 2, 2000, pag. 161-171.
18. Derived cones via relaxation for differential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 45, nr. 1, 2000, pag. 77-91.
19. Necessary optimality conditions for hyperbolic differential inclusions with end point constraint, *Mathematical Reports*, vol. 2(52), nr. 2, 2000, pag. 163-173.
20. Qualitative properties of solution sets to a class of nonconvex nonclosed integral inclusions, *Analele Universității București, Matematică-Informatică*, vol. 49, nr. 2, 2000, pag. 123-131.
21. Some second-order necessary conditions for nonconvex hyperbolic differential inclusion problems, *Journal of Mathematical Analysis and Applications*, vol. 253, nr. 2, 2001, pag. 616-639.
22. A topological property of the solution set of an infinite horizon nonlinear integrodifferential inclusion, *Acta Mathematica Hungarica*, vol. 90, nr. 3, 2001, pag. 185-197.
23. On a certain converse statement of the Filippov-Ważewski relaxation theorem, *Commentationes Mathematicae Universitatis Carolinae*, vol. 42, nr.1, 2001, pag. 77-81.
24. Variational inclusions on closed domains, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 44(92), nr. 3, 2001, pag. 243-251.
25. Existence of solutions to a class of evolution inclusions, *Nonlinear Analysis*, vol. 50, nr. 7, 2002, pag. 1025-1034 (cu V. Staicu).
26. On the set of solutions of some nonconvex nonclosed hyperbolic differential inclusions, *Czechoslovak Mathematical Journal*, vol. 52(127), nr. 1, 2002, pag. 215-224.
27. On the local existence of solutions to a class of nonconvex evolution inclusions, *Rendiconti del Circolo Matematico di Palermo*, vol. 51, Serie II, 2002, pag. 355-366.
28. On the existence of viable solutions for a class of second order differential inclusions, *Discussiones Mathematicae, Differential Inclusions, Control and Optimization*, vol. 22, nr. 1, 2002, pag. 67-78.

29. On the relaxation theorem for semilinear differential inclusions in Banach spaces, *Pure Mathematics and Applications*, vol. 13, nr. 4, 2002, pag. 441-445.
30. Local controllability of hyperbolic differential inclusions via derived cones, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 47, nr. 1, 2002, pag. 21-31.
31. Necessary optimality conditions for a class of differential inclusions with state constraints, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 47, nr. 3, 2002, pag. 295-304.
32. An approach to second-order necessary conditions for differential inclusions with state constraints, *Mathematical Reports*, vol. 4(54), nr. 2, 2002, pag. 161-169.
33. Existence of solutions to quasi-linear inclusions in non separable Banach spaces, *Mathematical Reports*, vol. 4(54), nr. 4, 2002, pag. 335-342.
34. Lipschitz-continuity of the solution map of some nonconvex hyperbolic differential inclusions, *Analele Științifice ale Universității „Al. I. Cuza” Iași, Matematică*, vol. 48, nr. 2, 2002, pag. 229-236.
35. On the solution map of some nonconvex integral inclusions, *Analele Universității București, Matematică*, vol. 51, nr. 1, 2002, pag. 15-22.
36. On the local existence of solutions to a class of second order differential inclusions, *Analele Universității București, Matematică*, vol. 51, nr. 2, 2002, pag. 117-122.
37. Directionally continuous selections and nonconvex evolutions inclusions, *Set-valued Analysis*, vol. 11, nr. 1, 2003, pag. 9-20 (cu V. Staicu).
38. Integrodifferential inclusions in non separable Banach spaces, *Demonstratio Mathematica*, vol. 36, nr. 3, 2003, pag. 591-602.
39. Existence for nonconvex integral inclusions via fixed points, *Archivum Mathematicum*, vol. 39, nr. 4, 2003, pag. 293-298.
40. Viable solutions of lipschitzean differential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 48, nr. 4, 2003, pag. 385-392.
41. On a second order potential type differential inclusion, *Mathematical Reports*, vol. 5(55), nr. 1, 2003, pag. 37-43.
42. A note on nonsmooth Lyapunov functions for state constrained differential inclusions, *Mathematical Reports*, vol. 5(55), nr. 4, 2003, pag. 283-292 (cu Ș. Mirică).
43. An existence theorem for some nonconvex hyperbolic differential inclusions, *Mathematica*, vol. 45(68), nr. 2, 2003, pag. 121-126.
44. Continuous selections for a class of set valued maps, *Analele Universității București, Matematică*, vol. 52, nr. 2, 2003, pag. 145-148.
45. On the relationship between the maximum principle and dynamic programming for optimal control problems under state constraints, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 49, nr. 2, 2004, pag. 93-101.
46. Continuous interpolation of solutions of nonlinear integrodifferential inclusions, *Mathematical Reports*, vol. 6(56), nr. 2, 2004, pag. 123-130.
47. Existence of viable solutions for a class of nonconvex differential inclusions, *Mathematical Reports*, vol. 6(56), nr. 3, 2004, pag. 217-224.
48. Local existence of solutions to a class of nonconvex second order differential inclusions, *Mathematica*, vol. 46(69), nr. 1, 2004, pag. 25-32.

49. On stability for differential inclusions on closed domains, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 47(95), nr. 1-2, 2004, pag. 23-29.
50. On a nonconvex second order differential inclusion, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 47(95), nr. 3-4, 2004, pag. 159-165.
51. A connection between the maximum principle and dynamic programming for constrained control problems, *SIAM Journal on Control and Optimization*, vol. 44, nr. 2, 2005, pag. 673-703 (cu H. Frankowska).
52. Second-order necessary conditions for differential-difference inclusion problems, *Nonlinear Analysis*, vol. 62, nr. 6, 2005, pag. 963-974.
53. Viable solutions for a class of differential inclusions without convexity, *Pan-American Mathematical Journal*, vol. 15, nr. 4, 2005, pag. 13-20.
54. A note on viable solutions for a class of nonconvex differential inclusions, *Rendiconti del Circolo Matematico di Palermo*, vol. 54, Serie II, 2005, pag. 109-118.
55. Second-order necessary conditions for discrete inclusions with end point constraints, *Discussiones Mathematicae, Differential Inclusions, Control and Optimization*, vol. 25, 2005, pag. 47-58.
56. Controllability and maximum principle for discrete delay inclusions using derived cones, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 50, nr. 1, 2005, pag. 19-29.
57. On the maximum principle for discrete inclusions with end point constraints, *Mathematical Reports*, vol. 7(57), nr. 1, 2005, pag. 13-20.
58. Viable solutions for a class of nonconvex functional differential inclusions, *Mathematical Reports*, vol. 7(57), nr. 2, 2005, pag. 91-103 (cu V. Lupulescu).
59. On controllability and extremality for discrete delay inclusions, *Mathematical Reports*, vol. 7(57), nr. 4, 2005, pag. 281-288.
60. Some remarks on differential inclusions with state constraints, *Mathematica*, vol. 47(70), nr. 1, 2005, pag. 39-48.
61. The maximum principle for discrete delay inclusions with end point constraints, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 48(96), nr. 3, 2005, pag. 277-284 (cu C. Georgescu).
62. On a class of differential inclusions governed by a sweeping process, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 48(96), nr. 4, 2005, pag. 361-367 (cu V. Lupulescu).
63. On the existence of viable solutions for a class of nonautonomous nonconvex differential inclusions, *Studia Universitatis „Babeş-Bolyai”, Matematică*, vol. 50, nr. 2, 2005, pag. 15-20.
64. Potential type functional differential inclusions, *Analele Universităţii Bucureşti, Matematică*, vol. 54, nr. 2, 2005, pag. 223-228 (cu V. Lupulescu).
65. A note on the value function for constrained control problems, *Systems and Control Letters*, vol. 55, nr. 1, 2006, pag. 21-26 (cu H. Frankowska).
66. Minimum principle and controllability for multiparameter discrete inclusions via derived cones, *Discrete Dynamics in Nature and Society*, vol. 2006, ID 96505, 2006, pag. 1-12.
67. Derived cones to reachable sets of differential-difference inclusions, *Nonlinear Analysis Forum*, vol. 11, nr. 1, 2006, pag. 1-13.

68. On some second-order necessary conditions for discrete delay inclusion problems, *Mathematical Reports*, vol. 8(58), nr. 3, 2006, pag. 259-265.
69. A minimum principle for a class of discrete inclusions, *Mathematical Reports*, vol. 8(58), nr. 4, 2006, pag. 391-399.
70. On viability for nonautonomous nonconvex differential inclusions, *Analele Universității București, Matematică*, vol. 55, nr. 2, 2006, pag. 177-182.
71. Necessary optimality conditions for differential-difference inclusions with state constraints, *Journal of Mathematical Analysis and Applications*, vol. 334, nr. 1, 2007, pag. 43-53 (cu C. Georgescu).
72. Derived cones to reachable sets of discrete inclusions, *Nonlinear Studies*, vol. 14, nr. 2, 2007, pag. 177-187.
73. Controllability and extremality for differential-difference inclusions, *Communications on Applied Nonlinear Analysis*, vol. 14, nr. 2, 2007, pag. 23-34 (cu C. Georgescu).
74. An existence result for nonlinear integrodifferential inclusions, *Communications on Applied Nonlinear Analysis*, vol. 14, nr. 4, 2007, pag. 17-24.
75. On a second-order differential inclusion, *Atti del Seminario Matematico e Fisico dell'Università di Modena e Reggio Emilia*, vol. 55, nr.1, 2007, pag. 3-12.
76. On the solution set of a nonconvex nonclosed higher order differential inclusion, *Mathematical Communications*, vol. 12, nr. 2, 2007, pag. 221-228.
77. On a second-order differential inclusion with constraints, *Applied Mathematics E-Notes*, vol. 7, 2007, pag. 9-15.
78. On the existence of solutions for a higher order differential inclusion without convexity, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2007, nr. 8, 2007, pag. 1-8.
79. A viability result for a class of nonconvex differential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 52, nr. 1, 2007, pag. 1-8.
80. An approach to second-order necessary conditions for multiparameter discrete inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 52, nr. 5, 2007, pag. 529-538.
81. A note on constrained second-order differential inclusions without convexity, *Mathematical Reports*, vol. 9(59), nr. 2, 2007, pag. 175-181.
82. Existence of solutions for a class of differential inclusions governed by a sweeping process, *Mathematical Reports*, vol. 9(59), nr. 4, 2007, pag. 335-341.
83. Existence of viable solutions for a class of nonconvex differential inclusions with memory, *Mathematica*, vol. 49(72), nr. 1, 2007, pag. 21-28 (cu V. Lupulescu).
84. A viability result for a class of nonconvex differential inclusions with memory, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 50(98), nr. 2, 2007, pag. 111-117.
85. On a nonlocal boundary value problem for a second order differential inclusion, *Analele Universității București, Matematică*, vol. 56, nr. 2, 2007, pag. 281-288.
86. On the solution set of a nonconvex nonclosed second order differential inclusion, *Fixed Point Theory*, vol. 8, nr. 1, 2007, pag. 29-37.
87. On the solution set of some classes of nonconvex nonclosed differential inclusions, *Portugaliae Mathematica*, vol. 65, nr. 4, 2008, pag. 485-496.

88. On the existence of mild solutions of a nonconvex evolution inclusion, *Mathematical Communications*, vol. 13, nr. 1, 2008, pag. 107-114.
89. On a nonconvex boundary value problem for a first order multivalued differential system, *Archivum Mathematicum*, vol. 44, nr. 3, 2008, pag. 237-244.
90. Arcwise connectedness of the solution set of a nonconvex nonclosed integral inclusion, *Miskolc Mathematical Notes*, vol. 9, nr. 1, 2008, pag. 33-39.
91. A Filippov type existence theorem for a class of second-order differential inclusions, *Journal of Inequalities in Pure and Applied Mathematics*, vol. 9, nr. 2, 2008, pag. 1-6.
92. Continuous version of Filippov's theorem for a Sturm-Liouville type differential inclusion, *Electronic Journal of Differential Equations*, vol. 2008, nr. 53, 2008, pag. 1-7.
93. Stability of solution sets of nonlinear integrodifferential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 53, nr. 4, 2008, pag. 277-283.
94. A note on viable solutions for a nonautonomous differential inclusion without convexity, *Mathematical Reports*, vol. 10(60), nr. 1, 2008, pag. 11-16.
95. Sturm-Liouville type differential inclusions in non separable Banach spaces, *Mathematical Reports*, vol. 10(60), nr. 3, 2008, pag. 205-211.
96. Variational inclusions for a nonconvex second-order differential inclusion, *Mathematica*, vol. 50(73), nr. 2, 2008, pag. 169-176.
97. An existence result for bilocal problems with mixed boundary conditions, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 51(99), nr. 2, 2008, pag. 137-143.
98. Continuous version of Filippov's theorem for a second-order differential inclusion, *Analele Universității București, Matematică*, vol. 57, nr. 1, 2008, pag. 3-12.
99. Lipschitz-continuity of the solution map of some nonconvex evolution inclusions, *Analele Universității București, Matematică*, vol. 57, nr. 2, 2008, pag. 189-198.
100. An existence result for a Fredholm-type integral inclusion, *Fixed Point Theory*, vol. 9, nr. 2, 2008, pag. 441-447.
101. On the solution set of a two point boundary value problem, *Surveys in Mathematics and its Applications*, vol. 3, 2008, pag. 167-175.
102. On the mild solutions of a class of evolution inclusions, *International Journal of Evolution Equations*, vol. 3, nr. 4, 2009, pag. 447-457.
103. On the set of mild solutions of a nonconvex integrodifferential inclusion, *International Journal of Modern Mathematics*, vol. 4, nr. 1, 2009, pag. 77-86.
104. Variational inclusions for fractional differential inclusions, *Communications on Applied Nonlinear Analysis*, vol. 16, nr. 4, 2009, 85-92.
105. Lipschitz-continuity of the solution map of some nonconvex second-order differential inclusions, *Fasciculi Mathematici*, vol. 41, 2009, pag. 45-54.
106. On an evolution inclusion in non separable Banach spaces, *Opuscula Mathematica*, vol. 29, nr. 2, 2009, pag. 131-138.
107. On a boundary value problem for a third order differential inclusion, *Demonstratio Mathematica*, vol. 42, nr. 4, 2009, pag. 723-730.
108. On the solution set of a nonconvex nonclosed Sturm-Liouville type differential inclusion, *Commentationes Mathematicae*, vol. 49, nr. 2, 2009, pag. 139-146.

109. On the existence of solutions for fractional differential inclusions with boundary conditions, *Fractional Calculus and Applied Analysis*, vol. 12, nr. 4, 2009, pag. 433-442.
110. Existence of solutions for a certain differential inclusion of third order, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2009, nr. 6, 2009, pag. 1-9.
111. Some Filippov type theorems for mild solutions of a second-order differential inclusion, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 54, nr. 1, 2009, pag. 1-11.
112. On an initial value problem for a Sturm-Liouville type differential inclusion with nonlocal conditions, *Analele Universității București, Matematică*, vol. 58, nr. 2, 2009, pag. 145-152.
113. On monotone solutions for a nonconvex second-order functional differential inclusion, *Analele Științifice ale Universității Ovidius Constanța, Matematică*, vol. 17, nr. 3, 2009, pag. 69-77.
114. On certain boundary value problems for some second-order differential inclusions, *Bulletin of the Transilvania University Brașov, Series III: Mathematics, Informatics, Physics*, vol. 2(51), nr. 1, 2009, pag. 11-16.
115. Continuous version of Filippov's theorem for fractional differential inclusions, *Nonlinear Analysis*, vol. 72, nr. 1, 2010, pag. 204-208.
116. On a boundary value problem for a Sturm-Liouville differential inclusion, *Journal of Systems Science and Complexity*, vol. 23, nr. 2, 2010, pag. 390-394.
117. Variational inclusions for a Sturm-Liouville type differential inclusion, *Mathematica Bohemica*, vol. 135, nr. 2, 2010, pag. 171-178.
118. On the existence of solutions for nonconvex fractional hyperbolic differential inclusions, *Communications in Mathematical Analysis*, vol. 9, nr. 1, 2010, pag. 109-120.
119. On a nonlinear fractional order differential inclusion, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2010, nr. 78, 2010, pag. 1-13.
120. Continuous selections of solution sets of fractional differential inclusions involving Caputo's fractional derivative, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 55, nr. 2, 2010, pag. 121-129.
121. On the existence of solutions to a certain boundary value problem for a first order multivalued differential system, *Mathematical Reports*, vol. 12(62), nr. 1, 2010, pag. 1-8.
122. On a fractional differential inclusion with boundary conditions, *Studia Universitatis „Babeș-Bolyai”, Matematică*, vol. 55, nr. 3, 2010, pag. 105-113.
123. On the existence of solutions for nonconvex impulsive hyperbolic differential inclusions, *Annals of the University of Bucharest, Mathematical Series*, vol. 1(59), nr. 2, 2010, pag. 273-282 (cu S. Nedelcu).
124. On the maximum principle for discrete inclusions with constraints, *Publicationes Mathematicae Debrecen*, vol. 78, nr. 1, 2011, pag. 1-13.
125. A note on monotone solutions for a nonconvex second-order functional differential inclusion, *Le Matematiche*, vol. 62, nr. 2, 2011, pag. 23-33.
126. Some remarks on a fractional differential inclusion with nonseparated boundary conditions, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2011, nr. 45, 2011, pag. 1-14.

127. Derived cones to reachable sets of a class of second-order differential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 56, nr. 1, 2011, pag. 1-11.
128. On the set of mild solutions of a nonconvex nonclosed evolution inclusion, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 54(102), nr. 2, 2011, pag. 109-117.
129. On controllability for a class of second-order differential inclusions, *Carpathian Journal of Mathematics*, vol. 27, nr. 1, 2011, pag. 34-40.
130. On the solution set of a boundary value problem for a first order multivalued differential system, *Annals of the University of Bucharest, Mathematical Series*, vol. 2(60), nr. 1, 2011, pag. 19-26.
131. Some remarks on a class of nonconvex second-order differential inclusions, *Annals of the University of Bucharest, Mathematical Series*, vol. 2(60), nr. 2, 2011, pag. 127-137.
132. A note on some boundary value problems for higher order differential inclusions, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 3, nr. 2, 2011, pag. 375-383.
133. On the existence of solutions for fractional differential inclusions with antiperiodic boundary conditions, *Journal of Applied Mathematics and Computing*, vol. 38, nr. 1, 2012, pag. 133-143.
134. Derived cones to reachable sets of fractional differential inclusions, *Communications on Applied Nonlinear Analysis*, vol. 19, nr. 1, 2012, pag. 23-31.
135. A note on the existence of solutions for some boundary value problems of fractional differential inclusions, *Fractional Calculus and Applied Analysis*, vol. 15, nr. 2, 2012, pag. 183-194.
136. A note on existence of viable solutions for a third order differential inclusion, *Libertas Mathematica, New Series*, vol. 32, nr. 2, 2012, pag. 161-168.
137. On the existence of mild solutions for nonconvex fractional semilinear differential inclusions, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2012, nr. 64, 2012, pag. 1-15.
138. Derived cones to reachable sets of Sturm-Liouville type differential inclusions, *Mathematica*, vol. 54(77), nr. 1, 2012, pag. 3-10.
139. A topological property of the solution set of a second-order differential inclusion, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 4, nr. 2, 2012, pag. 106-117.
140. A note on the solution set of a fractional differential inclusion, *Bulletin of the Transilvania University Braşov, Series III: Mathematics, Informatics, Physics*, vol. 5(54), Special Issue, 2012, pag. 83-92.
141. On controllability for Sturm-Liouville type differential inclusions, *Filomat*, vol. 27, nr. 7, 2013, pag. 1321-1327.
142. On an integro-differential inclusion of fractional order, *Differential Equations and Dynamical Systems*, vol. 21, nr. 3, 2013, pag. 225-236.
143. Some remarks on a multi point boundary value problem for a fractional order differential inclusion, *Journal of Applied Nonlinear Dynamics*, vol. 2, nr. 2, 2013, pag. 151-160.
144. On controllability for nonconvex semilinear differential inclusions, *Journal of Nonlinear Sciences and Applications*, vol. 6, nr. 2, 2013, pag. 145-151.

145. On a fractional differential inclusion with strip boundary conditions, *Journal of Fractional Calculus and Applications*, vol. 4, nr. 2, 2013, pag. 169-176.
146. On a multipoint boundary value problem for a fractional order differential inclusion, *Arab Journal of Mathematical Sciences*, vol. 19, nr. 1, 2013, pag. 73-83.
147. On a fractional differential inclusion with nonlocal Riemann-Liouville type integral boundary conditions, *Libertas Mathematica, New Series*, vol. 33, nr. 2, 2013, pag. 37-46.
148. On controllability for a nonconvex second-order differential inclusion, *Revue Roumaine de Mathématiques Pures et Appliquées*, vol. 58, nr. 2, 2013, pag. 139-147.
149. On the solution set of a fractional differential inclusion, *Mathematical Reports*, vol. 15(65), nr. 1, 2013, pag. 34-47.
150. Filippov lemma for a certain differential inclusion of fourth-order, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, 56(104), nr. 2, 2013, pag. 181-189.
151. On a fractional differential inclusion arising from real estate asset securitization and HIV models, *Annals of the University of Bucharest, Mathematical Series*, vol. 4(62), nr. 2, 2013, pag. 447-453.
152. A note on mild solutions for nonconvex fractional semilinear differential inclusions, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 5, nr. 1-2, 2013, pag. 35-45.
153. On a higher order fractional differential inclusion with multi-strip fractional integral boundary conditions, *ROMAI Journal*, vol. 9, nr. 2, 2013, pag. 51-60.
154. On a fractional differential inclusion with four point integral boundary conditions, *Surveys in Mathematics and its Applications*, vol. 8, 2013, pag. 115-124.
155. On a higher order differential inclusion with multipoint integral boundary conditions, *Advances in Dynamical Systems and Applications*, vol. 9, nr. 1, 2014, pag. 87-96.
156. Derived cones to reachable sets of a nonlinear differential inclusion, *Mathematica Bohemica*, vol. 139, nr. 4, 2014, pag. 567-575.
157. On a nonlinear integro-differential inclusion with m -dissipative operators, *International Journal of Evolution Equations*, vol. 9, nr. 4, 2014, pag. 385-395.
158. On the existence of solutions for a class of nonconvex Hadamard-type fractional differential inclusions, *Nonlinear Analysis Forum*, vol. 19, 2014, pag. 237-245.
159. On the existence of solutions for a quadratic integral inclusion, *Libertas Mathematica, New Series*, vol. 34, nr. 1, 2014, pag. 47-52.
160. On a fractional integrodifferential inclusion, *Electronic Journal of Qualitative Theory of Differential Equations*, vol. 2014, nr. 25, 2014, pag. 1-11.
161. On a higher order differential inclusion with four point integral boundary conditions, *International Electronic Journal of Pure and Applied Mathematics*, vol. 8, nr. 1, 2014, pag. 1-10.
162. On the existence of solutions for a Fredholm-type integral inclusion, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 57(105), nr. 3, 2014, pag. 253-259.
163. A topological property of solution sets of semilinear differential inclusions, *Fixed Point Theory*, vol. 15, nr. 1, 2014, pag. 33-42.
164. Continuous selections of solutions sets of fractional integrodifferential inclusions, *Acta Mathematica Scientia*, vol. 35B, nr. 2, 2015, pag. 399-406.

165. Filippov lemma for a class of Hadamard-type fractional differential inclusions, *Fractional Calculus and Applied Analysis*, vol. 18, nr. 1, 2015, pag. 163-171.
166. On the solutions of some semilinear integro-differential inclusions, *Differential Equations and Applications*, vol. 7, nr. 3, 2015, pag. 347-361.
167. On a fractional differential inclusion with fractional multiterm integral boundary conditions, *Nonlinear Analysis Forum*, vol. 20, 2015, pag. 199-209.
168. On the existence of solutions for a Hadamard-type fractional integro-differential inclusion, *Journal of Nonlinear Analysis and Optimization*, vol. 6, nr. 2, 2015, pag. 67-72.
169. On the existence of solutions for differential inclusions with "maxima", *Libertas Mathematica, New Series*, vol. 35, nr. 1, 2015, pag. 89-98.
170. A note on some second-order integro-differential inclusions with boundary conditions, *Mathematica*, vol. 57(80), nr. 1-2, 2015, pag. 19-25.
171. On the existence of solutions for nonlinear differential inclusions, *Analele Științifice ale Universității „Al. I. Cuza” Iași, Matematică*, vol. 61, nr. 1, 2015, pag. 195-208 (cu I. Căpraru).
172. On a functional differential inclusion, *Studia Universitatis „Babeș-Bolyai”, Matematică*, vol. 60, nr. 3, 2015, pag. 431-436.
173. Some remarks on a fractional integrodifferential inclusion with boundary conditions, *Analele Științifice ale Universității Ovidius Constanța, Matematică*, vol. 23, nr. 1, 2015, pag. 73-82.
174. On a nonconvex hyperbolic differential inclusion of third order, *Annals of the "Tiberiu Popoviciu" Seminar of Functional Equations, Approximation and Convexity*, vol. 13, 2015, pag. 13-24.
175. On the solution set of a nonconvex nonclosed hyperbolic differential inclusion of third order, *Journal of Nonlinear and Convex Analysis*, vol. 17, nr. 6, 2016, pag. 1171-1179.
176. On a fractional differential inclusion with "maxima", *Fractional Calculus and Applied Analysis*, vol. 19, nr. 5, 2016, pag. 1292-1305.
177. On a partial Hadamard fractional integral inclusion, *Discussiones Mathematicae, Differential Inclusions, Control and Optimization*, vol. 36, nr.2, 2016, pag. 141-153.
178. On some boundary value problems for a fractional integro-differential inclusion, *Nonlinear Functional Analysis and Applications*, vol. 21, nr. 2, 2016, pag. 215-223.
179. On the set of solutions of a nonconvex hyperbolic differential inclusion of third order, *Communications in Nonlinear Analysis*, vol. 2, nr. 1, 2016, pag. 95-103.
180. A note on the solution set of a fractional integrodifferential inclusion, *Progress in Fractional Differentiation and Applications*, vol. 2, nr. 1, 2016, pag. 13-18.
181. Some remarks on the paper "On the set of solutions for the Darboux problem for fractional order partial hyperbolic functional differential inclusions", *Fixed Point Theory*, vol. 17, nr. 2, 2016, pag. 295-300.
182. On the existence of solutions for some matrix higher order differential inclusions, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 8, nr. 1, 2016, pag. 4-13.

183. A note on a semilinear evolution inclusion with nonlocal conditions, *ROMAI Journal*, vol. 12, nr. 2, 2016, pag. 33-38.
184. A note on the solutions of a second-order evolution inclusion in non separable Banach spaces, *Commentationes Mathematicae Universitatis Carolinae*, vol. 58, nr. 3, 2017, pag. 307-314.
185. Existence of solutions for a certain boundary value problem associated to a fourth order differential inclusion, *International Journal of Analysis and Applications*, vol. 14, nr. 1, 2017, pag. 27-33.
186. On the solutions of some boundary value problems for integro-differential inclusions of fractional order, *Journal of Applied Nonlinear Dynamics*, vol. 6, nr. 2, 2017, pag. 173-179.
187. On a Sturm-Liouville type differential inclusion of fractional order, *Fractional Differential Calculus*, vol. 7, nr. 2, 2017, pag. 385-393.
188. On the solution set of a fractional integro-differential inclusion involving Caputo-Katugampola derivative, *CUBO A Mathematical Journal*, vol. 19, nr. 3, 2017, pag. 31-42.
189. Some remarks on the solutions of a fractional integro-differential inclusion of Sturm-Liouville type, *Journal of Fractional Calculus and Applications*, vol. 8, nr. 2, 2017, pag. 227-236.
190. Controllability for a second-order evolution inclusion, *Gulf Journal of Mathematics*, vol. 5, nr. 3, 2017, pag. 18-25.
191. A relaxation theorem for a differential inclusion with "maxima", *Analele Științifice ale Universității Ovidius Constanța, Matematică*, vol. 25, nr. 1, 2017, pag. 61-68.
192. On a differential inclusion with certain nonlocal conditions, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 9, nr. 1, 2017, pag. 62-73.
193. Some remarks on the solutions of a second-order evolution inclusion, *Dynamic Systems and Applications*, vol. 27, nr. 2, 2018, pag. 319-330.
194. On some fractional differential inclusions with random parameters, *Fractional Calculus and Applied Analysis*, vol. 21, nr. 1, 2018, pag. 190-199.
195. On a Sturm-Liouville type functional differential inclusion with "maxima", *Advances in Dynamical Systems and Applications*, vol. 13, nr. 2, 2018, pag. 101-112.
196. On a second-order evolution inclusion, *Results in Nonlinear Analysis*, vol. 1, nr. 3, 2018, pag. 99-106.
197. On the solutions of a second-order integro-differential inclusion of Sturm-Liouville type, *Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie*, vol. 61(109), nr. 4, 2018, pag. 399-408.
198. Existence of solutions for a class of functional differential inclusions with "maxima", *Fixed Point Theory*, vol. 19, nr. 2, 2018, pag. 503-514.
199. On the solutions of a Caputo-Katugampola fractional integro-differential inclusion, *Bulletin of the Transilvania University Brașov, Series III: Mathematics, Informatics, Physics*, vol. 11(60), nr. 2, 2018, pag. 89-98.
200. Derived cones to reachable sets of a second-order evolution inclusion, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 10, nr. 1, 2018, pag. 128-139.

201. On the mild solutions of a class of second-order integro-differential inclusions, *Journal of Nonlinear and Variational Analysis*, vol. 3, nr. 3, 2019, pag. 247-256.
202. On the solutions of a class of fractional hyperbolic integro-differential inclusions, *International Journal of Analysis and Applications*, vol. 16, nr. 6, 2019, pag. 904-916.
203. On a fractional integro-differential inclusion of Caputo-Katugampola type, *Bulletin of Mathematical Analysis and Applications*, vol. 11, nr. 1, 2019, pag. 22-27.
204. A note on the solutions of a Sturm-Liouville differential inclusion with "maxima", *Communications in Nonlinear Analysis*, vol. 6, nr. 1, 2019, pag. 13-17.
205. Continuous family of solutions for fractional integro-differential inclusions of Caputo-Katugampola type, *Progress in Fractional Differentiation and Applications*, vol. 5, nr. 1, 2019, pag. 37-42.
206. On some fractional integro-differential inclusions with nonlocal multi-point boundary conditions, *Fractional Differential Calculus*, vol. 9, nr. 1, 2019, pag. 139-148.
207. Some qualitative properties of mild solutions of a second-order integro-differential inclusion, *Advances in the Theory of Nonlinear Analysis and Applications*, vol. 3, nr. 3, 2019, pag. 141-149.
208. On solutions of some classes of fractional integro-differential inclusions with integral and multi-point boundary conditions, *ROMAI Journal*, vol. 15, nr. 2, 2019, pag. 1-11.
209. On a Bagley-Torvik fractional integro-differential inclusion, *Surveys in Mathematics and its Applications*, vol. 14, 2019, pag. 195-202.
210. Existence of solutions for some coupled systems of fractional differential inclusions, *Mathematics*, vol. 8, nr. 700, 2020, pag. 1-10.
211. On some fractional integro-differential inclusions with Erdélyi-Kober fractional integral boundary conditions, *Memoirs on Differential Equations and Mathematical Physics*, vol. 79, nr. 1, 2020, pag. 15-26.
212. On controllability for a fractional differential inclusion of Caputo-Fabrizio type, *Annals of the Academy of Romanian Scientists, Series on Mathematics and its Applications*, vol. 12, nr. 1-2, 2020, pag. 51-61.
213. Variational inclusions for a class of fractional differential inclusions, *Revue Roumaine de Mathématiques Pures et Appliquées*, în curs de apariție.
214. On a second-order differential inclusion with certain integral and multi-strip boundary conditions, *Mathematica*, în curs de apariție.
215. On some evolution inclusions in non separable Banach spaces, *Studia Universitatis „Babeș-Bolyai”, Matematică*, în curs de apariție.
216. On the solutions of a fractional differential inclusion of Caputo-Fabrizio type, *Journal of Nonlinear Evolution Equations and Applications*, în curs de apariție.
217. A bilocal problem associated to a fractional differential inclusion of Caputo-Fabrizio type, *Universal Journal of Mathematics and Applications*, în curs de apariție.

C. Articole publicate în volume colective

1. Derived cones to reachable sets of differential inclusions and control systems, *Qualitative Problems in Differential Equations and Control Theory*, Editor C. Corduneanu, World Scientific Publishing, Singapore, 1995, pag. 71-80 (cu Ș. Mirică).

2. On some second-order necessary conditions for differential inclusion problem, *Differential Inclusion and Control Systems, Lecture Notes in Nonlinear Analysis*, vol. 2, Editori J. Andres, L. Górniewicz, P. Nistri, Nicholas Copernicus University, Torun, 1998, pag. 113-121.
3. Relaxation for quasi-linear differential inclusions in non separable Banach spaces, *Analysis and Optimization of Differential Systems*, Editori V. Barbu, I. Lasiecka, D. Tiba, C. Vársan, Kluwer Academic Publishers, Dordrecht, 2003, pag. 101-108.
4. The connection between the maximum principle and the value function for optimal control problems under state constraints, *Proceedings of 43rd IEEE Conference on Decision and Control, Paradise Island, Bahamas*, vol. 1, 2004, pag. 893-898 (cu H. Frankowska).
5. Some qualitative properties of solutions to nonconvex hyperbolic differential inclusions, *Proceedings of the International Conference on Differential Equations, Hasselt 2003*, Editori F. Dumortier, H. Broer, J. Mawhin, A. Vanderbauwhede, S.V. Lunel, World Scientific Publishing, Singapore, 2005, pag. 1048-1050.
6. Necessary optimality conditions for discrete inclusions, *Proceedings of the 7th Balkan Conference on Operational Research, București*, 2007, pag. 39-44.
7. Necessary optimality conditions for hyperbolic discrete inclusions, *Applied Analysis and Differential Equations*, Editori O. Cârjă, I. Vrabie, World Scientific Publishing, Singapore, 2007, pag. 45-54.
8. Necessary optimality conditions for discrete delay inclusions, *Differential Equations, Chaos and Variational Problems, Progress in Nonlinear Differential Equations and Their Applications*, vol. 75, Editor V. Staicu, Birkhäuser Verlag, Basel, 2007, pag. 135-142.
9. On monotone solutions for a nonconvex second-order differential inclusion with memory, *Proceedings of 8th IFAC Workshop on Time Delay Systems, Sinaia, Romania*, Editor E. Petre, vol. 8, part I, 2009, pag. 337-340.
10. On a nonautonomous differential inclusion without convexity, *Proceedings of the Sixth Congress of Romanian Mathematicians, Bucharest 2007*, Editori L. Beznea, V. Brînzănescu, C. Calude, H. Ene, M. Iosifescu, S. Marcus, R. Purice, D. Timotin, vol. 1, Editura Academiei Române, București, 2009, pag. 237-240.
11. Derived cones to reachable sets of semilinear differential inclusions, *Proceedings of the 19th International Symposium on Mathematical Theory of Networks and Systems, Budapest, Hungary*, Editor A. Edelmayer, 2010, pag. 235-238.
12. On controllability for fractional differential inclusions, *Proceedings of 4th IEEE International Conference on Nonlinear Science and Complexity, Budapest, Hungary*, 2012, pag. 127-130.
13. On the mild solutions of a class of evolution inclusions, *Handbook of Evolution Equations*, Editor G. M. N'Guerekata, Nova Science Publishers, New York, 2012, pag. 283-293.
14. On controllability for a nonlinear differential inclusion, *Proceedings of the 17th International Conference on System Theory, Control and Computing, Sinaia, Romania*, Editori E. Petre, M. Brezovan, 2013, pag. 109-112.
15. Existence of solutions for fractional differential inclusions with "maxima", *Proceedings International Conference on Fractional Differentiation and its Applications, Novi Sad, Serbia*, Editori D. T. Spasici, N. Grahovac, M. Zigic, M. Rapaic, T. M. Atanackovic, 2016, pag. 699-704.

16. On the existence of solutions for a nonconvex hyperbolic differential inclusion of third order, Proceedings of 10th Colloquium on Qualitative Theory of Differential Equations, Szeged, Hungary, Editor T. Krisztin, nr. 8, 2016, pag. 1-10.
17. A Filippov type existence theorem for some nonlinear q -difference inclusions, Differential and Difference Equations with Applications, Springer Proceedings in Mathematics and Statistics, vol. 164, Editori S. Pinelas, Z. Došlá, O. Došlý, P. Kloeden, Springer International Publishing Switzerland, Cham, 2016, pag. 71-77.
18. On the solutions of a quadratic integral inclusion, New Trends in Differential Equations, Control Theory and Optimization, Editori V. Barbu, C. Lefter, I. Vrabie, World Scientific Publishing, Singapore, 2016, pag. 73-79.
19. On the solution set of a nonconvex nonclosed second-order evolution inclusion, Proceedings of EQUADIFF 2017 Conference, Editori K. Mikula, D. Ševčovič, J. Urbán, Slovak University of Technology Publishing House, Bratislava, 2017, pag. 21-28.
20. Continuous selections of solution sets of a second-order integro-differential inclusion, Differential and Difference Equations with Applications, Springer Proceedings in Mathematics and Statistics, vol. 230, Editori S. Pinelas, T. Caraballo, P. Kloeden, J. Graef, Springer International Publishing Switzerland, Cham, 2018, pag. 53-65.
21. Traian Lalescu - an outstanding romanian mathematician, www.aosr.ro/wp-content/uploads/2018/07/Traian-Lalescu-Personalitati-Centenar.pdf
22. Differentiability properties of solutions of a second-order evolution inclusion, Nonlinear Analysis and Boundary Value Problems, Springer Proceedings in Mathematics and Statistics, vol. 292, Editori I. Area, A. Cabada, R. López Pouso, J.A. Cid, D. Franco, E. Liz, R. Rodriguez López, Springer Nature Switzerland, Cham, 2019, pag. 19-28.
23. Local controllability of a class of fractional differential inclusions via derived cones, Differential and Difference Equations with Applications, Springer Proceedings in Mathematics and Statistics, vol. 333, Editor S. Pinelas, J. Graef, S. Hilger, P. Kloeden, C. Schinas, Springer Nature Switzerland, Cham, 2020, pag 143-152.

1.11.2020

