

Lista de lucrări Vladimirescu Cristian

Cărți și capitole în cărți

1. C. Avramescu, C. Vladimirescu, Curs de Calcul Științific, Reprografia Universității din Craiova, 2002, 300 pagini.
2. C. Avramescu, C. Vladimirescu, Ecuatii Diferențiale și Integrale, Reprografia Universității din Craiova, 2003, 250 pagini.
3. C. Vladimirescu, C. Avramescu, Applications of the Fixed Point Method to Ordinary Differential and Integral Equations on Noncompact Intervals, Universitaria Press, Craiova, ISBN 973-742-278-3, ISBN 978-973742-278-1, 2006, 325 pages.
4. M.-M. Boureau, C.-P. Dăneț, A. Diamandescu, A. Ionescu, R. Militaru, F. Munteanu, G. Popescu, M. Popescu, P. Popescu, M. Racilă, C. Vladimirescu, Qualitative Study of Differential Equations, Geometrical and Dynamical Aspects of Some Mechanical Systems, Numerical Treatment, and Applications, Universitaria Craiova - Prouniversitaria București, ISBN 978-606-26-0168-3, ISBN 978-606-14-0886-3, 2014, 430 pages.
5. C. Vladimirescu, F. Munteanu, M.-M. Boureau, D. Constantinescu, C. Dăneț, A. Florea, L. Temereancă, G. Popescu, C. Șterbeți, D. Bălă, 101 Teste pentru Proba Scrisă la Matematică a Examenului de Admitere la Licență la Facultatea de Automatică, Calculatoare și Electronică, Editura Universitaria, ISBN: 9786061413539, 2018, 325 pagini.
6. C. Vladimirescu, Matematici speciale, Editura Universitaria Craiova, ISBN 976-606-14-1666-0, 2020, 518 pagini.
7. D. Bălă, M.-M. Boureau, L.-M. Bucur, C. Dăneț, L. Grecu, F. Munteanu, G. Popescu, M. Racilă, L.-E. Temereancă, C. Vladimirescu, Teste Grilă pentru Proba Scrisă la Matematică a Examenului de Admitere la Licență la Facultatea de Automatică, Calculatoare și Electronică, i+446p, Editura Universitaria, Craiova, ISBN 978-606-14-2002-5, 2024, i+446 pagini.

Articole indexate în baza de date Web of Science

1. A. Duma, C. Vladimirescu, Semi-numerical approximation structures for nonlinear noncompact operators in Banach spaces, Numerical Functional Analysis and Optimization, 24 (7-8), 725-746 (2003).
2. C. Avramescu, C. Vladimirescu, Existence of solutions to second order ordinary differential equations having finite limits at $\pm\infty$, Electronic Journal of Differential Equations, 2004 (18), 1-12 (2004).
3. C. Vladimirescu, Stability for damped oscillators, Annals of the University of Craiova-Mathematics and Computer Science Series, 32, 227-232 (2005).

4. C. Avramescu, C. Vladimirescu, Asymptotic stability results for certain integral equations, *Electronic Journal of Differential Equations*, 2005 (126), 1–10 (2005).
5. G. Moroşanu, C. Vladimirescu, Stability for a nonlinear second order ODE, *Funkcialaj Ekvacioj*, 48 (1), 49–56 (2005).
6. G. Moroşanu, C. Vladimirescu, Stability for a damped nonlinear oscillator, *Nonlinear Analysis*, 60 (2), 303–310 (2005).
7. C. Vladimirescu, Asymptotic behavior of solutions to a perturbed ODE, *Bulletin of the Belgian Mathematical Society – Simon Stevin*, 13 (2), 355–362 (2006).
8. C. Avramescu, C. Vladimirescu, On the existence of asymptotically stable solutions of certain integral equations, *Nonlinear Analysis*, 66, 472–483 (2007).
9. C. Vladimirescu, Existence results for inequality problems on various subsets of Banach spaces and applications, *Journal of Global Optimization*, 37 (3), 437–447 (2007).
10. C. Vladimirescu, An existence result for homoclinic solutions to a nonlinear second order ODE through differential inequalities, *Nonlinear Analysis*, 68, 3217–3223 (2008).
11. C. Vladimirescu, Remark on Krasnoselskii's fixed point theorem, *Nonlinear Analysis*, 71 (3–4), 876–880 (2009).
12. C. Vladimirescu, Limits of solutions to a nonlinear second-order ODE, *Nonlinear Analysis*, 75 (13), 5139–5144 (2012).
13. C. Vladimirescu, Existence of asymptotically stable solutions to a nonlinear integral equation of mixed type, *Fixed Point Theory*, 20 (1), 337–347 (2019).
14. G. Moroşanu, C. Vladimirescu, Stability for a system of two coupled nonlinear oscillators with partial lack of damping, *Nonlinear Analysis: Real World Applications*, 45, 609–619 (2019).
15. G. Moroşanu, C. Vladimirescu, Stability for systems of 1-D coupled nonlinear oscillators, *Nonlinear Analysis: Real World Applications*, 59, 103242 (2021).
16. G. Moroşanu, C. Vladimirescu, Large time behavior of solutions to a system of coupled nonlinear oscillators via a generalized form of Schauder–Tychonoff fixed point theorem, *Fixed Point Theory*, 23 (2), 591–606 (2022).
17. G. Moroşanu, C. Vladimirescu, Qualitative analysis of a mechanical system of coupled nonlinear oscillators, *Electronic Journal of Qualitative Theory of Differential Equations*, 2023 (16), 1–26 (2023).
18. G. Moroşanu, C. Vladimirescu, Stability for a nonlinear second order ODE with coefficient functions in $W_{loc}^{1,1}(0, \infty)$, submitted for publication.
19. G. Moroşanu, C. Vladimirescu, Stability for systems of coupled nonlinear oscillators described by second-order ODEs with coefficient functions in $W_{loc}^{1,1}(0, \infty)$, submitted for publication.

Articole indexate în BDI

1. V. Rădulescu, C. Vladimirescu, KKM Techniques for hemivariational inequalities and applications, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 26, 29–42 (1999).
2. C. Avramescu, C. Vladimirescu, Existence results for generalized bilocal boundary value problems, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 26, 5–13 (1999).
3. C. Avramescu, C. Vladimirescu, Homoclinic solutions for second order linear differential equations, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 27, 1–5 (2000).
4. C. Vladimirescu, Associated operators to homoclinic solutions, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 27, 57–70 (2000).
5. C. Avramescu, C. Vladimirescu, Homoclinic solutions for linear and linearizable ordinary differential equations, *Abstract and Applied Analysis*, 5 (2), 65–85 (2000).
6. C. Avramescu, C. Vladimirescu, Limits of solutions of a perturbed linear differential equation, *Electronic Journal of Qualitative Theory of Differential Equations*, 2002 (3), 1–11 (2002).
7. C. Avramescu, C. Vladimirescu, g -bounded solutions for ordinary differential equations, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 29, 72–90 (2002).
8. A. Duma, C. Vladimirescu, Fixed point free nonlinear contractions on Krein-like spaces, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 29, 91–106 (2002).
9. A. Duma, C. Vladimirescu, Pre-numerical methods in the theory of nonlinear operators, *Mathematical Sciences and Research Journal*, 7 (5), 173–194 (2003).
10. A. Duma, C. Vladimirescu, Non-decomposable inner product spaces, *Mathematical Sciences and Research Journal*, 8 (2), 67–84 (2003).
11. A. Duma, C. Vladimirescu, Treatment of the fields having the Hahn–Banach property, *Nonlinear Functional Analysis and Applications*, 8 (4), 623–634 (2003).
12. C. Avramescu, C. Vladimirescu, An existence result for homoclinic solutions for a linear ordinary differential equation of second order, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 30 (2), 14–19 (2003).
13. A. Duma, C. Vladimirescu, Hammerstein equations in nonreflexive Banach spaces, *Annals of the University of Craiova-Mathematics and Computer Science Series*, 30 (2), 20–24 (2003).
14. A. Duma, C. Vladimirescu, Approximation structures and applications to evolution equations, *Abstract and Applied Analysis*, 12, 685–696 (2003).

15. C. Avramescu, C. Vladimirescu, Some remarks on Krasnoselskii's fixed point theorem, *Fixed Point Theory*, 4 (1), 3–13 (2003).
16. C. Avramescu, C. Vladimirescu, Fixed points for some non-obviously contractive operators defined in a space of continuous functions, *Electronic Journal of Qualitative Theory of Differential Equations*, 2004 (3), 1–7 (2004).
17. C. Avramescu, C. Vladimirescu, Fixed point theorems of Krasnoselskii type in a space of continuous functions, *Fixed Point Theory*, 5 (2), 181–195 (2004).
18. A. Duma, C. Vladimirescu, Sur les isométries non-linéaires, *Révue Roumaine de Mathématiques Pures et Appliquées*, 45 (5–6), 447–454 (2004).
19. G. Moroşanu, C. Vladimirescu, An extension of the Jordan-von Neumann theorem, *Gazeta Matematică, Seria A*, 23 (102) (2), 154–157 (2005).
20. C. Avramescu, C. Vladimirescu, On the existence of zeros of continuous functions defined in \mathbb{R}^n , *Révue Roumaine de Mathématiques Pures et Appliquées*, 50 (5–6), 431–436 (2005).
21. C. Avramescu, C. Vladimirescu, An existence result of asymptotically stable solutions for an integral equation of mixed type, *Electronic Journal of Qualitative Theory of Differential Equations*, 2005 (25), 1–6 (2005).
22. C. Avramescu, C. Vladimirescu, Existence of homoclinic solutions to a nonlinear second order ODE, *Dynamics of Continuous, Discrete and Impulsive Systems, Series A: Mathematical Analysis*, 15, 481–491 (2008).
23. C. Vladimirescu, Applications of fixed point method in nonlinear analysis, *Libertas Mathematica*, 28, 61–67 (2008).
24. G. Moroşanu, C. Vladimirescu, Qualitative properties of the solutions of a mechanical system of vibration reduction through a generalized variant of the Krasnoselskii fixed point theorem, *Applied Analysis and Optimization*, 7 (2), 115–133 (2023).

Lucrări publicate în volume ale unor conferințe internaționale

1. C. Vladimirescu, Stability problems for damped nonlinear oscillators, *Proceedings of the 5th International Conference APLIMAT 2006, Bratislava 2006*, 363–370, ISBN 80-967305-5-X.

Lucrări prezentate la conferințe internaționale

1. Applications of the fixed point method in nonlinear analysis, *Fixed Point Theory (Internet Meeting)*, #97002, Kyoto, December 2003 (with C. Avramescu).

2. Fixed point theorems of Krasnoselskii type in a space of continuous functions, International Conference on Nonlinear Operators, Differential Equations, and Applications, Cluj-Napoca, September 23–27, 2004 (with C. Avramescu).
3. Stability problems for second order ODE, Lectures in Mathematics and Applications, Central European University, Budapest, April 19–22, 2004.
4. Stability problems for damped oscillators, 7-ème Colloque Franco-Roumain de Mathématiques Appliquées, University of Craiova, August 30–September 3, 2004.
5. Stability problems for damped nonlinear oscillators, The 5th International Conference Aplimat, Bratislava, February 7–10, 2006.
6. Fixed point theorems for multivalued mapping and applications to boundary value problems on noncompact intervals, ICAM5 - Fifth International Conference on Applied Mathematics, Baia Mare, September 21–24, 2006 (with C. Avramescu).
7. Asymptotic stability for certain integral equations and applications, ICAM5 - Fifth International Conference on Applied Mathematics, Baia Mare, September, 2006.
8. Stability problems for a damped nonlinear oscillator, "Nonlinear Dynamics" Workshop, Sinaia, September 2014.
9. Limits of solutions to a nonlinear second-order ODE, International Conference on Applied Mathematics and Numerical Methods 2016, Department of Applied Mathematics, University of Craiova, April 14–16, 2016.
10. Limits of solutions to a nonlinear second-order ODE, Conference of Applied and Industrial Mathematics 2017, Romanian Society for Applied and Industrial Mathematics, Iași, September 14–17, 2017.
11. Stability for a system of 1-D coupled damped nonlinear oscillators, First Romanian Itinerant Seminar on Mathematical Analysis and its Applications 2018, Faculty of Mathematics and Informatics, Babeş-Bolyai University in Cluj-Napoca, April 20–21, 2018 (with G. Moroşanu).
12. Stability for a system of two coupled nonlinear oscillators with partial lack of damping, International Conference on Applied Mathematics and Numerical Methods, Department of Applied Mathematics, University of Craiova, October 19–20, 2018 (with G. Moroşanu).
13. Stability for a system of two coupled nonlinear oscillators with partial lack of damping, Second Romanian Itinerant Seminar on Mathematical Analysis and its Applications 2019, Faculty of Mathematics and Informatics, "Ovidius" University of Constanţa, May 9–10, 2019 (with G. Moroşanu).
14. Stability for systems of 1-D coupled nonlinear oscillators, International Conference on Applied Mathematics and Numerical Methods, Department of Applied Mathematics, University of Craiova, October 29–31, 2020 (with G. Moroşanu).

15. On coupled nonlinear oscillators of a mechanical system of vibration reduction, Seminar on Nonlinear Operators and Differential Equations, Babeş-Bolyai University in Cluj-Napoca, May 20, 2021 (with G. Moroşanu).
16. On coupled nonlinear oscillators of a mechanical system of vibration reduction, Third Romanian Itinerant Seminar on Mathematical Analysis and its Applications, "1 Decembrie 1918" University of Alba Iulia, September 10–12, 2021 (with G. Moroşanu).
17. Large time behavior of solutions to a system of coupled nonlinear oscillators via a generalized form of Schauder–Tychonoff fixed point theorem, Fourth Romanian Itinerant Seminar on Mathematical Analysis and its Applications, Faculty of Mathematics and Informatics, Transilvania University of Braşov, May 19–21, 2022 (with G. Moroşanu).
18. Large time behavior of solutions to a system of coupled nonlinear oscillators via a generalized form of the Schauder–Tychonoff fixed point theorem, International Conference on Applied Mathematics and Numerical Methods, Department of Applied Mathematics, University of Craiova, June 29–July 2, 2022 (with G. Moroşanu).
19. Properties of solutions of a mechanical system through a variant of Krasnoselskii theorem, Seminar on Nonlinear Operators and Differential Equations, Babeş-Bolyai University in Cluj-Napoca, January 19, 2023 (with G. Moroşanu).
20. Stability for a nonlinear second order ODE with coefficient functions in $W_{loc}^{1,1}(0, \infty)$, Seminar on Nonlinear Operators and Differential Equations, Babeş-Bolyai University in Cluj-Napoca, December 7, 2023 (with G. Moroşanu).
21. Stability for systems of coupled nonlinear oscillators described by second-order ODEs with coefficient functions in $W_{loc}^{1,1}(0, \infty)$, Sixth Romanian Itinerant Seminar on Mathematical Analysis and its Applications, Faculty of Mathematics and Informatics, Babeş-Bolyai University in Cluj-Napoca, May 30–31, 2024 (with G. Moroşanu, invited lecture).

Lucrări prezentate la conferințe naționale

1. On coupled nonlinear oscillators of a mechanical system of vibration reduction, Conferința Națională de Primăvară a Academiei Oamenilor de Ştiință din România, Academia Oamenilor de Ştiință din România, Bucureşti, 10 iunie 2021 (cu Gh. Moroşanu).

Nume și prenume: Vladimirescu Cristian

Data semnării:

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