

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. C. Vladimirescu, Differential equations of upper order, in “Qualitative Study of Differential Equations, Geometrical and Dynamical Aspects of Some Mechanical Systems, Numerical Treatment, and Applications”, 35–71, Universitaria Craiova - Prouniversitaria București, ISBN 978-606-26-0168-3, ISBN 978-606-14-0886-3, 2014, 37 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.

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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).
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4. C. Avramescu, C. Vladimirescu, Asymptotic stability results for certain integral equations, Electronic Journal of Differential Equations, 2005 (126), 1–10 (2005).
5. Gh. Moroșanu, C. Vladimirescu, Stability for a nonlinear second order ODE, Funkcialaj Ekvacioj, 48 (1), 49–56 (2005).

6. Gh. 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).
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14. Gh. 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. Gh. Moroşanu, C. Vladimirescu, Stability for systems of 1-D coupled nonlinear oscillators, *Nonlinear Analysis: Real World Applications*, 59, 103242 (2021).
16. Gh. 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. Gh. Moroşanu, C. Vladimirescu, On coupled nonlinear oscillators of a mechanical system of vibration reduction (submitted).

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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).
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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. Gh. 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 (accepted for publication).

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.

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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.
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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.
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 Gh. 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 Gh. 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 Gh. 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 Gh. Moroşanu).
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Data semnării:

Semnătura: