Lista lucrari stiintifice

Cărți publicate
C. M. Niculae, Aparate numerice, Editura Universității din București, 2000, 175 de pagini.
C. M. Niculae și M. P. Dincă, Principiile fizice ale dispozitelor electronice, Ministerul Educației și Cercetării - Proiectul pentru Învățământul Rural, 2005, 249 pagini.

Articole

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<tbody>
<tr>
<td>13</td>
<td>C.M. Niculae and Marcela Niculae, Simple interpolator for Delayed Differential equations, ANALELE UNIVERSITATII DIN BUCURESTI - Seria Fizica, 2007</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A coordinate sensitive detector for particles generated in high energy reactions, Romanian Reports in Physics, 61(3), 513 (2009)


Marcela Niculae, C.M.Niculae, and E. Barna, Non-formal science education promoting learning through experiment, Romanian Journal of Physics, 63(3), 2011

Marcela Niculae, C.M.Niculae, and E. Barna, Virtual training of students for laboratory work, Proceedings of the 7th International Scientific Conference eLSE – eLearning and Software for Education (eLSE 2011), April 28-29, 2011, Bucharest, Romania, ISSN: 2066-026X.

Conferințe naționale și internaționale

1 C. M. Niculae, and V. N. Gheorghe, "On the maximal life-time of a parametrically excited ion in a Paul trap", ECAMP VI, Siena, Italy, 14-18 July (1998)


6 C. Niculae, P. I. Cristea, "An average theorem and its applications to confined motions in RF traps", The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999
7 C. M. Niculae, D. Ciulei, "A simple method to approximate the potential of an rf trap", *The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999*

8 C. M. Niculae, P. I. Cristea, "Motional Stability for the Sextupole RF Trap and Kapitza Methods", *The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999*

9 M. P. Dincă, P. I. Cristea, and C. M. Niculae, "The Theory of Systems and the Linear Motions in the Hexapolar RF Traps", *The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999*

10 C. M. Niculae and P. I. Cristea, "General Aspects of the Linear Motion in the Sextupole RF Trap", *The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999*

11 P. I. Cristea, C. M. Niculae, M. P. Dincă, "On the Motion Induced by the Unlinear Equation z''(ϕ)=z^n cos(ϕ)", *The Second Conference in Physics - Theodor Ionescu Centenary, Faculty of Physics, University of Bucharest, Bucharest-Magurele, 22 - 23 may 1999."

12 C.M. Niculae, P. Cristea, “Chaotic behavior of linear motion in hexapolar rf traps”, 2003 Annual Scientific Conference, *Faculty of Physics, University of Bucharest, Bucharest-Magurele, 30 May 2003*

13 C.M. Niculae, “Reconsidering of Kapitsa-Dehmelt method in deriving effective potential function for rf traps”, 2005 Annual Scientific Conference, *Faculty of Physics, University of Bucharest, Bucharest-Magurele, 27 May 2005."


15 C.M.Niculae and Marcela Niculae, *Numerically integrating DDE: Difficulties commonly encountered, A Low-noise Charge Sensitive Amplifier*, Annual Scientific Conference, *Faculty of Physics, University of Bucharest, Bucharest-Magurele, June 06 2008.*

16 Marcela Niculae and C.M. Niculae, *Free educational software for teaching sciences*, Annual Scientific Conference, *Faculty of Physics, University of Bucharest, Bucharest-Magurele, June 06 2008.*

17 C. M. Niculae, *Teaching software languages: A powerful way to develop technical skills of students*, 10th INTERNATIONAL BALKAN WORKSHOP on APPLIED PHYSICS, July 6-8, 2009, CONSTANTA, ROMANIA

19 Marcela Niculae and C.M. Niculae, Toward a Better Strategy for Teaching Nature Sciences in Romania, Annual Scientific Conference, Faculty of Physics, University of Bucharest, Bucharest-Magurele, June 05 2009.

20 Marcela Niculae and C.M. Niculae, Scilab and JavaScript as Free and Simple Tools for Physics Teachers, Annual Scientific Conference, Faculty of Physics, University of Bucharest, Bucharest-Magurele, June 05 2009.

21 C.M. Niculae and Marcela Niculae, Effective numerical method useful in designing of quasi-ideal traps, Annual Scientific Conference, Faculty of Physics, University of Bucharest, Bucharest-Magurele, June 05 2009.


23 Marcela Niculae, C.M. Niculae, E. Barna, Virtual training of students for laboratory work, The 7th International Conference eLearning and Software for Education, Bucharest, April 28-29, 2011

24 Marcela Niculae, C.M. Niculae, and E. Barna, A web based tool supporting IBSE method, The 7th International Scientific Conference eLSE – eLearning and Software for Education, April 28-29, 2011,