



Europass Curriculum Vitae

Informatii personale

Nume si Prenume **Constantinescu Constanta Dana**
Adresa 64, Imparatul Traian Street, 200530 Craiova, Romania
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E-mail dconsta@yahoo.com
Nationalitatea Romana
Data nasterii 26/04/1957
Genul F

Experienta profesionala

37 ani
Perioada 2003 to 2016
Ocupatia di pozitia ocupata Conferentiar universitar
Cele mai importante activitati Invatamant si cercetare in Departamentul de Matematici Aplicate, Universitatea din Craiova.
Numele si adresa angajatorului Universitatea din Craiova, strada A. I. Cuza nr 13, 200585, Craiova, Dolj, Romania
Tipul sectorului de activitate Cercetare si Invatamant Universitar
Perioada 1999 to 2003
Ocupatia di pozitia ocupata Lector universitar
Cele mai importante activitati Invatamant si cercetare in Departamentul de Matematici Aplicate, Universitatea din Craiova
Numele si adresa angajatorului Universitatea din Craiova, strada A. I. Cuza nr 13, 200585, Craiova, Dolj, Romania
Tipul sectorului de activitate Cercetare si Invatamant Universitar
Perioada 1990 to 1999
Ocupatia di pozitia ocupata Asistent universitar
Cele mai importante activitati Invatamant si cercetare in Departamentul de Matematici Aplicate, Universitatea din Craiova
Numele si adresa angajatorului Universitatea din Craiova, strada A. I. Cuza nr 13, 200585, Craiova, Dolj, Romania
Tipul sectorului de activitate Cercetare si Invatamant Universitar
Perioada 1980 to 1990
Ocupatia di pozitia ocupata Profesor de matematica
Cele mai importante activitati didactice
Numele si adresa angajatorului Liceul Industrial nr 1 Craiova
Tipul sectorului de activitate Activitate didactica

Educatie si formare

Perioada 1992-1999
Titlul si calificarea obtinuta Doctor in matematica
Subiectul principal Analiza Matematica. Sisteme dinamice
Numele si tipul organizatiei care a furnizat calificarea Universitatea din Craiova Craiova, Romania
Nivelul in clasificarea nationala si internationala ISCED 8

Perioada 1976-1980
 Title calificarii obtinute Diploma de licenta in matematica
 Subiectul principal Matematica, informatica
 Numele si tipul organizatiei care a asigurat educatia Universitatea din Craiova
 Nivelul in clasificarea nationala si internationala ISCED 7

Abilitati si competente personale

Limba materna **Romanian**

Alte limbi

Auto-apreciere

Nivel european (*)

English

French

Intelegere				Vorbire				Scriere	
ascultare		citire		Spoken interaction		Spoken production			
B2	Utilizator independent	C2		C2		C2		C2	
C2		C2		C2		C2		C2	

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/questdocument).

Abilitati sociale si competente Lucreaza bine in echipa

Permis de conducere Categoria B

Abilitati si competente de organizare Bun mediator, gestioneaza bine conflicttele, eficient

Abilitati si competente computationale Microsoft Word, Latex, Matlab, Mathematica

Domenii de competenta Educatie, cercetare (sisteme dinamice, modelare matematica, metode numerice)

Informatii aditionale

Membru al unor organizatii SSMR (member), ROMAI (member)

Premii	<p>Premii UEFISCDI in 2013, pentru articolele ON THE ACCURACY OF SOME MAPPING TECHNIQUES USED TO STUDY THE MAGNETIC FIELD DYNAMICS IN TOKAMAKS (NUCL. FUSION 48 (2008) 024017) si EXPLICIT NEAR-SYMPLECTIC MAPPINGS OF HAMILTONIAN SYSTEMS WITH LIE-GENERATING FUNCTIONS (J. PHYS. A: MATH. THEOR. 41 (2008) 115202)</p> <p>Premiu UEFISCDI in 2015 pentru articolul BIFURCATIONS AND FAST-SLOW DYNAMICS IN A LOW-DIMENSIONAL MODEL FOR QUASI-PERIODIC PLASMA PERTURBATIONS (<i>Romanian Reports in Physics, Vol. 67, No. 3, P. 1049–1060, 2015</i>)</p>
Granturi	<p>Coordinator local al grantului „Dynamical Systems and their applications”, cod PIRSES-GA-2012 (Marie Curie Actions, People International Research Staff Exchange Scheme) 01/10/2012- 30/09/2016</p> <p>Membră a echipei de cercetare a granturilor</p> <ol style="list-style-type: none"> 1) „Participarea României la EUROfusion WPENR și cercetări complementare (WPENR-RO)”, 1EU-10/05.06. 2014, AA Nr 1/2017 (2017) 2) „Participarea României la EUROfusion WPENR și cercetări complementare (WPENR-RO)”, 1EU-10/05.06. 2014, AA Nr 1/2016 (2016) 3) „Participarea României la EUROfusion WPENR și cercetări complementare (WPENR-RO)”, 1EU-10/05.06. 2014, AA Nr 1/2015 (2015) 4) „Participarea României la EUROfusion WPENR și cercetări complementare (WPENR-RO)”, 1EU-10/05.06. 2014 (2014) 5) “Dust dynamics and transport in SOL turbulence”, WP14-ER-01/Hellenic Republic-01 (2014) 6) “Anomalous transport in turbulent plasmas, Stochastic processes in turbulent plasmas”, 1EU-2/11.08.2008 (2008-2013)” 7) “Anomalous transport in turbulent plasmas”, NUC-INT(FUS)/F3 (2002-2007) 8) “Structuri coerente versus comportament haotic în sisteme neliniare complexe”, CEEX, Contract nr. C240 / 2005 (2005-2008) 9) Laborator de cercetare și modelare în matematici aplicate, Proiect Impact cu nr. 434, aprobat în sesiunea ianuarie 2007 10) Cercetări teoretice și experimentale privind telecomandă vocală a sistemelor de acționare a instalațiilor de ridicat folosind tehnici neuro-fuzzy, CNCSIS 2006 11) “Metode numerice în ecuații neliniare” CNCSIS, cod 734 Contract:34677/2005 (2005) 12) “Ecuații de evoluție și condiții de integrabilitate pentru sisteme dinamice”, CNCSIS, cod 734, contract nr. 40202/2003 (2004-2004) 13) “Structuri dinamice complexe în sisteme neliniare”, CERES, Contract C3-7 / 2003, (2003-2005) 14) Teoria sistemelor hamiltoniene și aplicații în fizica particulelor elementare CNCSIS 2002, cod 1, Contract: 33451/2002 15) Metode algebrice, topologice, variaționale și de ordine în studiul analizei și al analizei funcționale, Contract cu CNCSU nr. 4006/77C/A2/1995. 16) Metode algebrice, topologice, variaționale și de ordine în studiul analizei și al analizei funcționale, Contract cu CNCSU nr. 3006/14C/B5/1994
Citari	140 citări în articole ISI, 290 citații în articole indexate în Scopus (h index=8)
Cursuri predate	Analiza Matematică, Matematici Speciale (facultatea de Fizică, Facultatea de Inginerie Electrică) Matematică (licență, facultatea de Chimie)
Certificate	De limbă (Franceză, Engleză)
Membră a unor organizații profesionale	SSMR , ROMAI
Participări la conferințe	42 Conferințe

Publicatii

Monografii:

D. Constantinescu, *Haos, Fractali si Aplicatii*, Seria Matematică Aplicată și Industrială, Univ. Pitești, Editura TheFlower-Power Pitești, 2003, ISBN 973-85785-5-8, Recenzată Mathematical Review, nr. 201 38 57

Cursuri universitare

- [1] M. Predoi, D. Constantinescu, M. Racilă
Teme de calcul diferențial
Editura Sitech Craiova, 2000, ISBN 973-8025-43-5
Reeditata Editura Sitech Craiova, 2003, ISBN 973-657-406-7
- [2] M. Predoi, D. Constantinescu, M. Racilă
Teme de calcul integral
Editura Sitech Craiova, 2000, ISBN 973-8025-88-5
Reeditata Editura Sitech Craiova 2003, ISBN 973-657-407-5
- [3] D. Constantinescu
Equations Differentielles-chapitres de mathematiques superiures
Editura Universitaria Craiova, 2003, ISBN 973-8043-320-0
- [4] M. Predoi, D. Constantinescu, M. Racilă
Teme de Analiză Matematică Teorie și Aplicații
Editura Universitaria Craiova 2008, ISBN 978-606-510-233-0
- [5] D. Constantinescu
Ecuatii diferentiale, elemente teoretice si aplicatii
Editura Universitaria Craiova 2010, ISBN 978-606-510-847-9
- [6] D. Constantinescu
Matematici Speciale: manual universitar pentru invatamant cu frecventa redusa
Editura Universitaria Craiova 2012, ISBN 978-606-14-0410-0

68 published papers: 12 papers reviewed in Zentralblatt and ?? papers reviewed in Mathematical Reviews

24 papers are ISI indexed

List of Scientific papers

a) Published in ISI-quoted journals

- [1] Misguich J. H., Reuss J.D., Weyssow B., **Constantinescu D.**, Steibrecher G., Balescu R., M. Vlad, Spineanu F
Noble Cantor sets acting as partial internal transport barriers in fusion plasmas
Plasma Physics and Controlled Fusion 44/2002, pp. L29-L35
<http://iopscience.iop.org/0741-3335/44/7>
- [2] E. Petrisor, J. Misguich, **D. Constantinescu**
Reconnection in a global model of Poincare map describing the magnetic field lines in a reversed shear tokamak
Chaos, Solitons and Fractals 18 2003, pp. 1085-1099
http://www.sciencedirect.com/science?_ob=PublicationURL&_cdi=5300&_pubType=J&_acct=C000050221&_version=1&_urlVersi on=0&_userid=10&md5=dfe9f771f97c6088edf02db59e988d11&jchunk=18#18
- [3] Misguich J. H. , Reuss J. D., Weyssow B., **D. Constantinescu**, Steinbrecher G., Balescu R., M. Vlad, Spineanu F.
Noble internal transport barriers and radial subdiffusion of toroidal magnetic lines
Annales de Physique 28 (2003) N°6, pp. 1-101
http://www.annphys.org/index.php?option=com_toc&url=/articles/anphys/abs/2003/06/contents/contents.html
- [4] **D. Constantinescu**, R. Constantinescu
Transport barriers and diffusion phenomena for the magnetic field lines in Tokamak,
Physica Scripta , T118 (2005), pp. 244-250
<http://iopscience.iop.org/1402-4896/2005/T118>
- [5] O. Dumbrajs, V. Igochine, **D. Constantinescu**, H. Zohm, and ASDEX Upgrade team
Stochastization as a possible cause of fast reconnection in the frequently interrupted regime of neoclassical tearing modes
Physics of Plasmas 12 (2005), issue 11, 110704 (4 pages)
<http://pop.aip.org/resource/1/phpaen/v12/i11> (citat 5 ori)
- [6] **Constantinescu D.**, Misguich J. H., Petrisor E., Pavlenko I.
Internal Transport Barriers in some Hamiltonian systems modeling the magnetic lines dynamics in tokamak,

- Journal of Physics, Conference series 7 (2005), pp. 233-238
<http://iopscience.iop.org/1742-6596/7/1>
- [7] Igochine V., Dumbrajs O., **Constantinescu D.**, Zohm Z., Zvejnieks G. and ASDEX-Upgrade team
Stochastization as a possible cause for fast reconnection during MHD mode activity in the ASDEX Upgrade tokamak,
 Nuclear Fusion, **46** (2006), pp 741-751
<http://iopscience.iop.org/0029-5515/46/7>
 doi: [10.1088/0029-5515/46/7/006](https://doi.org/10.1088/0029-5515/46/7/006)
- [8] **D Constantinescu**, O Dumbrajs, V Igochine, B Weyssow
On the accuracy of some mapping techniques used to study the magnetic field dynamics in tokamaks
 Nuclear Fusion 48 (2008) 024017 (9pp)
<http://iopscience.iop.org/0029-5515/48/2>
 doi: [10.1088/0029-5515/48/2/024017](https://doi.org/10.1088/0029-5515/48/2/024017)
- [9] Y. Kominis, K. Hizanidis, **D. Constantinescu**, O. Dumbrajs,
Explicit near-symplectic mappings of Hamiltonian systems with Lie-generating functions,
 J. Phys. A: Math. Theor. 41 (2008) 115202.
<http://iopscience.iop.org/1751-8121/41/11/115202/>
 doi: [10.1088/1751-8121/41/11/115202](https://doi.org/10.1088/1751-8121/41/11/115202)
- [10] **D Constantinescu**
Anticontrol techniques for systems of Lorenz type,
 Romanian Journal of Physics, vol 53, nr 9-10/2008, pp99-106
http://www.nipne.ro/rjp/2008_53_9-10/1069_1076.pdf
- [11] G. Tigan, **D. Constantinescu**,
Heteroclinic orbits in the T and the Lü systems
 Chaos, Solitons and Fractals 42 (2009) 20–23
 Doi: [10.1016/j.chaos.2008.10.024](https://doi.org/10.1016/j.chaos.2008.10.024)
http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%235300%232009%23999579998%231295051%23FLA%23&_cdi=5300&_pubType=J&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=2ba49c9264077c37f257af7109b3d68c
- [12] M. Negrea, I. Petrisor, **D. Constantinescu**,
Aspects of the diffusion of electrons and ions in tokamak plasma
 Romanian Journal of Physics, vol 55, nr 9-10/2010, pp 1013-1024
http://www.nipne.ro/rjp/2010_55_9-10/1013_1024.pdf
- [13] **D. Constantinescu**, M. Negrea, I. Petrisor
The study of the sawtooth oscillations in tokamaks using mapping models
 Romanian Journal of Physics, vol 55, nr 9-10/2010, pp 0951-0960
http://www.nipne.ro/rjp/2010_55_9-10/0951_0961.pdf
- [14] M.-C. Firpo, **D. Constantinescu**,
Study of the interplay between magnetic shear and resonances using Hamiltonian models for the magnetic field lines,
 Physics of Plasmas **18**, 032506 ,2011
<http://pop.aip.org/resource/1/phpaen/v18/i3?&page=2>
 doi:[10.1063/1.3562493](https://doi.org/10.1063/1.3562493)
- [15] **D. Constantinescu**, O. Dumbrajs, V. Igochine, K. Lackner, R. Meyer-Spasche, H. Zohm, and ASDEX Upgrade Team,
A low-dimensional model system for quasi-periodic plasma perturbations,
 Physics of Plasmas **18**, 062307 (2011)
 doi:[10.1063/1.3600209](https://doi.org/10.1063/1.3600209)
- [16] Andrejs Reinfelds, Olgerts Dumbrajs, Harijs Kalis, Jānis Cepītis, **Dana Constantinescu**,
Numerical Experiments with Single Mode Gyrotron Equations, Mathematical Modelling and Analysis (Print ISSN: 1392-6292), Volume 17
 Number 2 (2012), pp. 251-270,
<http://dx.doi.org/10.3846/13926292.2012.662659>
- [17] **Constantinescu, D.** & Firpo, M.-C.,
Modifying locally the safety profile to improve the confinement of magnetic field lines in tokamak plasmas,
 Nuclear Fusion **52**, 054006 (2012).
http://iopscience.iop.org/0029-5515/52/5/054006/pdf/0029-5515_52_5_054006.pdf
 doi:[10.1088/0029-5515/52/5/054006](https://doi.org/10.1088/0029-5515/52/5/054006)
- [18] **Constantinescu D.** & Firpo M.-C.
Localizing transport barriers in degenerate 3/2 D.O.F. Hamiltonian systems with applications to magnetic confinement fusion,
 International Journal of Bifurcation and Chaos, Vol 23, No 2 (2013), 1350034
<http://www.worldscientific.com/doi/pdf/10.1142/S021812741350034X>

[doi:10.1142/S021812741350034X](https://doi.org/10.1142/S021812741350034X)

- [19] B. Weysow, M. Negrea, G. Steinbrecher, I. Petrisor, **D. Constantinescu**, N. Pometescu, M. Vlad, F. Spineanu
Ideas in fusion plasma physics and turbulence
Romanian Reports in Physics, Vol. 67, No. 2, P. 547–563, 2015
http://www.rrp.infim.ro/2015_67_2/A24.pdf
- [20] **Constantinescu D.**, Dumbrajs O., Igochine V., Lackner K., Zohm H,
Bifurcations and fast-slow dynamics in a low-dimensional model for quasi-periodic plasma perturbations
Romanian Reports in Physics, Vol. 67, No. 3, P. 1049–1060, 2015
http://www.rrp.infim.ro/2015_67_3/A27.pdf
- [21] Yanqin Wang, Maoan Han, **Dana Constantinescu**,
On the limit cycles of perturbed discontinuous planar systems with 4 switching lines, *Chaos, Solitons and Fractals* 83 (2016), 158-177
http://ac.els-cdn.com/S0960077915004063/1-s2.0-S0960077915004063-main.pdf?_tid=5456f1ac-f5c4-11e6-a49e-00000aacb361&acdnat=1487413606_73f171c959a5cc6812367767b9833b69
- [22] D. Constantinescu, *Regular versus chaotic dynamics in systems generated by area-preserving maps. Applications to the study of some transport phenomena*, *Romanian Journal of Physics* vol. 61, issue 1-2 (2016), 52-66
(http://www.nipne.ro/rjp/2016_61_1-2/0052_0066.pdf)
- [23] D. Constantinescu, I. Petrisor, Generalization of a fractional model for the transport equation including external perturbations, *Romanian Journal of Physics* vol. 61, issue 1-2 (2016), 67-76
(http://www.nipne.ro/rjp/2016_61_1-2/0067_0076.pdf)
- [24] G. Tigan, D. Constantinescu, Bifurcations in a family of Hamiltonian systems and associated nontwist cubic maps, *Chaos, Solitons and Fractals* 91, 128–135, 2016
http://ac.els-cdn.com/S0960077916301886/1-s2.0-S0960077916301886-main.pdf?_tid=9b5df21c-f5c4-11e6-8bf5-00000aab0f27&acdnat=1487413725_89f0a310bd17e7fc174716acb0a7ab6b

b. Papers published in BDI

- [1] **D. Constantinescu**, M. Negrea, N. Pometescu, G. Steinbrecher,
On the particle diffusion in an electromagnetic fluctuating field,
Journal of Technical Physics no. 37/1996, pp. 477-483
- [2] **D. Constantinescu**, M. Predoi,
The attractors of some Contractive Dynamical Processes
International Journal of Chaos Theory and Applications, vol4,nr4/1999, pp. 5-15
<http://neurolab.ing.unirc.it/chaos/>
- [3] **D. Constantinescu**,
Regular and Chaotic Dynamics in Non-Autonomous Hamiltonian Systems
Bulgarian Journal of Physics, 33 (2006) pp 800-809
<http://www.bjp-bg.com/>
- [4] **D. Constantinescu**, G. Tigan,
Exact solutions to a family of Fitzhugh-Nagumo type equations,
Matematicki Bilten 31 (LVII), 2007 (61–68), Skopje, Makedonija
- [5] **D. Constantinescu**, Gunnar Stefansson,
On building a web-based university,
U.S. China Educational Review, ISSN 1548-6613, USA, December 2010, volume 7 no.12 (<http://www.teacher.org.cn/edu201012.htm>)

c) Papers published in Romanian Journals BDI

- [1] **D. Constantinescu**
On the temporal generic properties of continuous dynamical systems
Analele Facultății de Matematică-Informatică Craiova, 1995, pp 33-42
- [2] **D. Constantinescu**
The loss of information in chaotic dynamical systems
Analele Facultății de Matematică-Informatică Craiova, 1997, pp 62-72
- [3] **D. Constantinescu**, M. Predoi
An extension of the Banch fixed point theorem and some applications in the theory of dynamical systems
Studia Univ. Babeş Bolyai, Mathematica, vol XLIV, nr. 4/1999, pp.3-14
- [4] **D. Constantinescu**
Chaotic processes in tokamak
Buletinul Științific al Universității Pitești, 1999, pp.155-158
- [5] **D. Constantinescu**, M. Racilă
Using MAPLEV in computer modeling of complex systems
Buletinul științific al Universității Pitești, 1999, pp 159-164
- [6] **D. Constantinescu**, M. Negrea, I. Petrisor, N. Pometescu:

On the perturbation of the q-profile

Physics AUC vol 10/2000, pp. 66-69

[7] M. Negrea, I. Petrisor, **D. Constantinescu** N. Pometescu:

On the non-symmetric diffusion tensor components

Physics AUC, vol 10/2000, pp. 70-74

[8] N. Pometescu, M. Negrea, I. Petrisor, **D. Constantinescu** N. Pometescu:

Interference between turbulence effects and neoclassical effects in the entropy production

Physics AUC, vol 10/2000, pp. 75-94

[9] **D. Constantinescu**, M. Negrea, I. Petrisor, N. Pometescu:

On the chaotic magnetic field lines' behavior: the computation of the flux through a Cantorus

Physics AUC, vol 10/2000, pp. 95-100

[10] **D. Constantinescu**, J. H. Misguich, J. D. Reuss:

The study of the breaking-up process of a KAM barrier in the Tokamak model

Physics AUC vol 12/2002, pp. 78-87

[13] **D. Constantinescu**, B. Weyssow:

Hidden geometrical aspects in the dynamics of nonwist maps,

Physics AUC, vol 14/2004, 151-161

[14] **Constantinescu D.**,

Non-linear dynamics and the structure of the magnetic field in tokamak

Rom. J. Phys. 50, no. 3-4 (2005), pp 325-336

[15] **D. Constantinescu**, J. H. Misguich, J-D Reuss, B. Weyssow

The influence of the safety factor on the formation of the internal transport barriers,

Physics AUC vol 17 (2007) pp 190-200

[16] **D. Constantinescu**, M-C Firpo

Mapping models for magnetic configurations in Tokamaks

Physics AUC vol 21 (2011) 101-113

[17] **D. Constantinescu**, M. Stoicescu

Fractal dynamics as long range memory modeling technique

Physics AUC vol 21 (2011) 114-120

[18] **D. Constantinescu**, M. Negrea, I. Petrisor, *Theoretical and numerical aspects of fractional 2D transport equation. Applications in fusion plasma theory, Physics AUC 24, 2014, 104-115*

http://cis01.central.ucv.ro/pauc/vol/2014_24/pauc2014_104_115.pdf

[19] **D. Constantinescu**, M. Negrea, I. Petrisor, *Kinetic theory of the tokamak in the diffusive regime, Physics AUC 24, 2014, 123-129*

http://cis01.central.ucv.ro/pauc/vol/2014_24/pauc2014_123_129.pdf

Papers published in Proceedings Volumes

a. International conferences

[1] **D. Constantinescu**, M. Negrea

On the stability of some dynamical systems

Proc. of EPAC 94, London, World Scientific, 1994, pp. 1081-1083

[2] **D. Constantinescu**, R. Constantinescu

Quantization of the relativistic particle in electromagnetic field

Proc. of EPAC 94, London, World Scientific, 1994, pp. 1342-1344

[3] **D. Constantinescu**

On the influence of some numerical methods in the study of the dynamical systems

Proc. of EPAC 96, Barcelona, World Scientific, 1996, pp 1441-1443

[4] **D. Constantinescu**, R. Constantinescu, M. Negrea

The relativistic particle in a fluctuating electromagnetic field

Proc. of EPAC 96, Barcelona, World Scientific, 1996, pp 1444-1445

[5] **D. Constantinescu**, R. Constantinescu

Ergodicity and chaos in multiple light reflection

Proceedings of SPIE, vol 2461, 1997, pp.261-265

[6] **D. Constantinescu**, B. Weyssow

Order and chaos in Hamiltonian systems of interest in plasma physics

Published in the volume "The logistic map and the Route to Chaos, editors M. Ausloos,

M. Diricks, Springer Verlag Berlin Heidelberg 2006, ISBN-10 3-540-28366-9, pp. 385-406

[8] T. Balan, **D. Constantinescu**, Gh. Manolea, J. Neaca:

Cercetari privind reducerea continutului de armonici din sistemele de actionare electrica prin comanda acestora
Proceedings of the International Symposium, Universitaria ROPET 2001, 263-266

[9] Bucur L, **Constantinescu D.**, Hatulescu R.

Mathematical models for the transmission of some epidemic diseases

Proceedings of "First East European Conference on Health Care Modelling and Computation, Craiova 2005, pp 57-72

[10] **D. Constantinescu**

On the use of the fractional calculus in the study of the diffusion phenomena,

Proceedings of "The 16-th Symposium of mathematics and its applications Timisoara 2-5 november 2006, pp 98-104

[11] **D. Constantinescu**, G. Stefansson, *The tutor-web, a step toward building an active web-based university*, Proceedings of the 5-th Scientific Conference :eLearning and Software for Education", Bucharest April 09-10 2009, pp 273-280

(Carol I National Defence University Publishing House, ISSN 2066-026X)

[12] **D. Constantinescu**,

Dynamical Systems with memory effects. Applications in fusion plasma physics,

Proceedings of the 5th International Conference 2009 - Dynamical Systems and Applications, June 15-18 Constantza, Romania pp 165-173 (Ovidius University Annals Series, Civil Engineering, Vol 1. Special Issue 13, ISSN 1584-5990)

b. National conferences

[1] T. Balan, **D. Constantinescu**

Remarks on linear horistologies

Proceedings of the IV-th Symposium of Mathematics and Applications, Technical University of Timișoara, 1991, pp. 43-49

[2] **D. Constantinescu**, R. Moga

Chaos and fractals in numerical analysis

Proceedings of the 6-th Symposium of Mathematics and Applications, Timișoara 1997, pp. 83-88

[3] **D. Constantinescu**, R. Moga

Metode numerice pentru observarea complexității orbitelor unui system dynamic

Proceedings of the Annual Conference of SSM, București, 1997, pp. 223-229

[4] **D. Constantinescu**

Proprietăți topologice ale atractorilor

Proceedings of the Annual Conference of SSM, București, 1997, pp. 125-130

[5] **D. Constantinescu**, R. Moga

Shadowing properties and numerical methods

Proceedings of the 7-th Symposium of Mathematics and Applications, Timișoara, 1997, pp. 85-90

[6] **D. Constantinescu**, R. Moga

Asupra proprietăților dinamice ale unor metode numerice

Proceedings of the 3-th Conference of SSM, Craiova, 1999, pp. 46-51

[7] **D. Constantinescu**

Sisteme dinamice aleatoare cu aplicații în studiul dinamicii populațiilor

Proceedings of the 5-th Conference of SSM, Brașov 2001, pp/71-77

[8] **D. Constantinescu**

Modelarea difuziei liniilor de camp magnetic în tokamak cu ajutorul sistemelor Hamiltoniene

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Associate Professor

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