ÖZGEÇMİŞ

1. **Adı Soyadı:** DUMITRU BALEANU

2. **Unvanı:** Yrd. Doç. Dr.

3. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Fizik	Craiova Üniversitesi, Romanya	1988
Y. Lisans	Fizik	Bucharest Üniversitesi, Romanya	1989
Doktora	Fizik	Atomik Fizik Enstitüsü, Romanya	1996

4. **Akademik Unvanlar:**

   Yardımcı Doçentlik Tarihi : 01.01.2012
   Doçentlik Tarihi   : -
   Profesörlük Tarihi   : -

5. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

   ### 5.1. Yüksek Lisans Tezleri

   Discrete fractional calculus and its applications, Hayder Kareem, 2015

   Lyapunov stabiliy with some applications, Ronak Bagelany, 2015

   Fractional Caputo-Fabrizio derivative with applications, Ahmed Kareem, 2015

   Basin's fractal via complex Newton's method, Zainab Weli Murad, 2015

   Some new trends in superintegrable systems, Suaad Madhat Abdullah, 2015

   On some applications of local fractional calculus, Metin Özyürek, 2015

   Variational iteration method for fractional Davey-Stewartson Equations, Tuğba Yılmaz, 2012

   Fractional differential equations and their applications, Tansel Avkar,   2004

   Mathematical aspects of superintegrable systems, Özlem Defterli, 2004

   New Geometrical Aspects of Constrained Systems, Murat Cenk, 2003

   ### 5.2. Doktora Tezleri

   Contrôle dynamique de quelques systèmes fractionnaires non-local et leurs applications, Kerboua Mourad (University Guelma, Algeria, 2013-2016), PhD Thesis

   New Methods and Their Improvement for Solving Fractional Differential Equations, Haleh Tajadodi (University of Mazandaran, Iran, 2012-2015) PhD Thesis

   The first integral methods for solving ordinary and fractional order differential equations, Rahmat Soltani (University of Mazandaran, Iran, 2013-2016) PhD Thesis

6. **Yayınlar**

   ### 6.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

   2017 yılındaki makaleler

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   4) Dumitru Baleanu, Mehdi Nategh, Non-integer variable order dynamic equations on time scales involving Caputo-Fabrizio type differential operator
      J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 24, NO.5, 2018

5) Selvaraj Suganya, Dumitru Baleanu, Palaniyappan Kalamani and Mani Mallika Arjunan. A note on non-instantaneous impulsive fractional neutral integro-differential systems with state-dependent delay in Banach spaces J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 25, NO.4, 2018,

6) Shrideh Al-Omari, Dumitru Baleanu. A Lebesgue integrable space of Boehmians for a class of Dκ transformations J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 25, NO.1, 2018

7) Mehdi Nateg, Dumitru BaleanuElham TaghizadehZahra Goli Gilani. Almost local stability in discrete delayed chaotic systems. Nonlinear Dynamics pp 1–10

8) Hasib KhanHossein Jafari, Dumitru BaleanuRahmat Ali Khan, Aziz Khan. On Iterative Solutions and Error Estimations of a Coupled System of Fractional Order Differential-Integral Equations with Initial and Boundary Conditions. Differential Equations and Dynamical Systems pp 1–13

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"Wavelet Transforms and Their Recent Applications in Biology and Geoscience" Edited by Dumitru Baleanu, ISBN 978-953-51-0212-0, Hard cover, 298 pages, Publisher: InTech, Published: March 02, 2012 under CC BY 3.0 license, in subject Physics, DOI: 10.5772/2286

``Advances in Wavelet Theory and Their Applications in Engineering, Physics and Technology``, Edited by Dumitru Baleanu, ISBN 978-953-51-0494-0, 646 pages, Publisher: InTech, Chapters published April 04, 2012 under CC BY 3.0 license, DOI: 10.5772/2668

" Wavelet Transform and Some of its Real-World Applications", Edited by Dumitru Baleanu, ISBN 978-953-51-2230-2, 124 pages, Publisher: InTech, Chapters published December, 2015

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.7. Diğer yayınlar

7.8 Uluslararası atıflar

TOPLAM ATIF SAYISI: 5330

7. Ulusal ve Uluslararası Projeler

International research member of the project titled "OI174001 - Dynamics of hybrid systems with complex structures. Mechanics of materials" with project leader: Dr. Katica Hedrih ,40 participants from various countries, e-mail: katica@masfak.ni.ac.yu, supported by the Ministry of Educations, Sciences and Technological Development of Republic of Serbia   Ministry of Sciences and Technology, Republic of Serbia/150000 Euros 2011- 2014

Group of relationship between theoretical chemistry and experimental probability: Project title: On similarities in Infra Red Spectra of Tetra-substituted Metallophthalocyanine Derivatives PI: Associate Prof. Dr. Tamer Ezzat Youssef Moustafa CoI: Prof. Hamad Al Turaif CoII: Prof. Dumitru Baleanu Grant DSR:135-138-D1435   King   Abdulaziz University, Jeddah,Saudi Arabia/3000 USD   2014- 2015

Research Group: Modeling and Simulation of Complex Systems: Project Title:New Efficient Spectral Techniques for Numerical Solutions of Fractional Order Partial Differential Equations Arising in Mathematical Physics PI:Professor Abdulrahim Al-Zahrani International reseacher: Professor Dumitru Baleanu

CO II: Assoc.Prof. Ali H. Bhrawy COIII: Dr. Ebraheem Othman Alzahrani Grant DSR: 14-135-35-RG The project can be seen under the following page: http://dsc.kau.edu.sa/Content.aspx?Site_ID=302015&lng=AR&cid=249635 which is the official page of King Abdulaziz University from Jeddah, Saudi Arabia. King Abdulaziz University, Jeddah,Saudi Arabia/48 000 USD 2014- 2015

Research Group: Modeling and Simulation of Complex Systems: Project title: Efficient spectral methods for solving fractional differential equations on a semi-infinite interval PI:Assoc..Prof. Ali H. Bhrawy International researcher: Professor Dumitru Baleanu CO II:Professor Abdulrahim Al-Zahrani COIII: Professor Yahia Alhamed Grant DSR: 4-135-35-RG The project can be seen under the following page: http://dsc.kau.edu.sa/Content.aspx?Site_ID=302015&lng=AR&cid=249635 which is the official page of King Abdulaziz University from Jeddah, Saudi Arabia. King Abdulaziz University, Jeddah,Saudi Arabia/48 000 USD 2014- 2015

Research Group: Modeling and Simulation of Complex Systems: Project title: Fractional Dynamics of Complex Systems PI: Professor Abdulrahim Al-Zahrani CO I:Professor Dumitru Baleanu COII: Professor Yahia Alhamed COIII: Professor Adnan Zahid Grant DSR: GR 34- 11 King Abdulaziz University, Jeddah,Saudi Arabia/48000 USD 2013- 2014

Researcher of the COST CA15225 European Proposal"FRACTAL - Fractional-order systems; analysis, synthesis and their importance for future design" EU COST Project 2015- 2019

8. İdari Görevler

9. Bilimsel ve Mesleki Kuruluşlara Üyelikler

American Society of Mechanical Engineering (2010)

American Chemical Society (2009)

MESA (Mechatronic and Embedded Systems and Applications) (2007)

Russian Gravitational Society (2000)

American Association for the Advanced of Science (2002)

European Physical Society (1999)

Turkish Physical Society (1999)

Romanian Physical Society (1990)

10. Ödüller

2016- Highly Cited Researcher in Mathematics-Thomson Reuters

(http://hcr.stateofinnovation.thomsonreuters.com/)

2016- ICFDA2016 Dissemination Award. Dissemination Award is given to an individual whose activities during the last five years are the most active in dissemination of Fractional Calculus among the scientific community, industry and society). The award was obtain during the International Conference on Fractional Differentiation and its Applications, Novi Sad, Serbia, July 18 - 20, 2016 (http://www.icfda16.com/public/announcements.php)

2015- Highly Cited Researcher in Mathematics- Thomson Reuters

(http://hcr.stateofinnovation.thomsonreuters.com/page/archives)

2014- IMACS award for publication of A new Jacobi rational-Gauss collocation method for numerical solution of generalized pantograph equations, E.H. Dohaa, A.H. Bhrawy, D. Baleanu, R.M. Hafez,Vol. 77, Pages 43-54 as 4th most successful paper published in 2013 in Applied Numerical Mathematics

2010- 2010 award of the Revista de Chimie (SCI indexed journal) and SYSCOM for the joint manuscript titled "Wavelet transform and artificial neural network for the quantitative resolution of ternary mixtures", published in Rev.Chim., 57(6), 2006, p. 626.

2008- ScienceWatch.com feature on the month's Fast Breaking Paper in the field of

Mathematics (http://sciencewatch.com/dr/fbp/2008/08octfbp/08octfbpRabeET/)

2006- 2nd IFAC Workshop on Fractional Differentiation and its Applications Prize

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