

Nr. 712 / 15.01.2024



**CANDIDATURĂ  
PENTRU MEMBRU ÎN STRUCTURILE DE CONDUCERE  
ALE UNIVERSITĂȚII „1 DECEMBRIE 1918” DIN ALBA IULIA  
MANDATUL 2024 - 2029**

Subsemnatul Popa Ioan-Lucian, în baza prevederilor Legii învățământului superior nr. 199/2023, ale Cartei Universității și ale Metodologiei de organizare și desfășurare a alegerilor academice în Universitatea „1 Decembrie 1918” din Alba Iulia, pentru mandatul 2024-2029, îmi depun candidatura pentru **membru** în:

Consiliul departamentului de Informatica, Matematica și Electronica.

(se va menționa, după caz, structura pentru care se depune candidatura: Consiliul Departamentului de ..., Consiliul Facultății de.... Senatul Universității „1 Decembrie 1918” din Alba Iulia, CSUD)

În sprijinul acestei candidaturi, fac următoarele precizări:

1. Sunt cadru didactic titular al Universității „1 Decembrie 1918” din Alba Iulia

Facultatea de Informatica și Inginerie

Departamentul de Informatica, Matematica și Electronica

Funcția didactică Profesor

2. Motivația pentru depunerea candidaturii

- consolidarea relației dintre cadrele didactice și studenți în vederea colaborărilor cât mai fructuoase, prin organizarea de diverse activități materializate prin rezultate bune obținute la concursuri și sesiuni studențești,
- dezvoltarea tuturor activităților din cadrul departamentului,
- dezvoltarea parteneriatelor cu mediul de afaceri, în scopul ajustării ofertei educaționale la exigențele pieței muncii,
- sprijinirea strategiei de dezvoltare, cercetare și modernizare din cadrul departamentului.

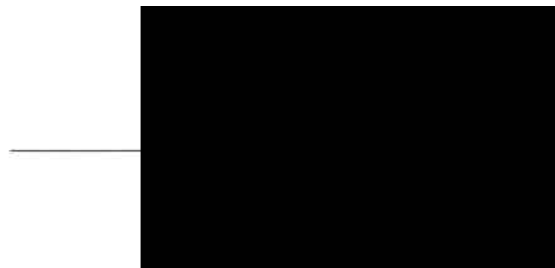
Anexez prezentei candidaturi următoarele documente în format **tipărit și electronic (pdf)** :

a) *Curriculum vitae* (format *Europass*), semnat și datat;

b) Declarație pe proprie răspundere privind conflictul de interese și incompatibilități, Anexa 11

Subsemnatul Popa Ioan-Lucian declar că sunt de acord în mod expres și neechivoc ca instituția Universitatea „1 Decembrie 1918” din Alba Iulia, în scopul desfășurării alegerilor academice, pentru mandatul 2024-2029, să prelucreze datele mele personale existente în documentele anexate prezentei, inclusiv publicarea pe site-ul instituției a documentelor de mai sus.

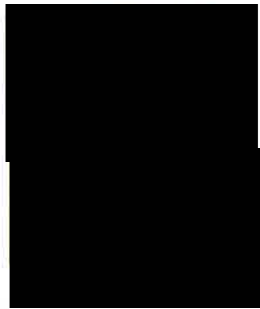
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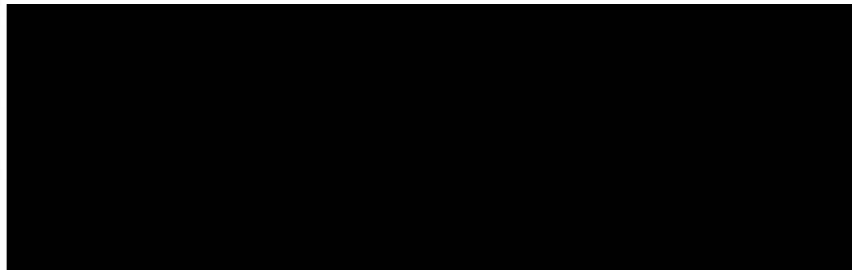


## Europass Curriculum Vitae



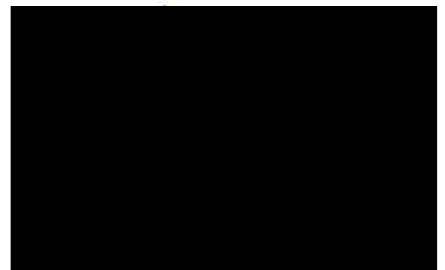
### Personal information

First name(s) / Surname(s)  
Address(es)  
Telephone(s)  
E-mail  
Nationality  
Date of birth  
Gender



### Work experience

Dates	March 2023 – Present
Occupation or position held	Professor in Mathematics
Main activities and responsibilities	Mathematic Analysis, Linear Algebra, Numerical Calculus, Statistics, Econometrics, Didactics of mathematics,
Name and address of employer	“1 Decembrie 1918” University Alba Iulia, 510009-Alba Iulia, Romania
Type of business or sector	Public institution
Dates	February 2021 – February 2023
Occupation or position held	Associate Professor in Mathematics
Main activities and responsibilities	Mathematic Analysis, Linear Algebra, Numerical Calculus, Statistics, Econometrics, Didactics of mathematics,
Name and address of employer	“1 Decembrie 1918” University Alba Iulia, 510009-Alba Iulia, Romania
Type of business or sector	Public institution



Dates February 2018 – February 2021  
Occupation or position held Senior Lecturer in Mathematics  
Main activities and responsibilities Mathematic Analysis, Linear Algebra, Numerical Calculus, Statistics, Econometrics, Didactics of mathematics,  
Name and address of employer “1 Decembrie 1918” University Alba Iulia, 510009-Alba Iulia, Romania  
Type of business or sector Public institution

Dates March 2014 – February 2018  
Occupation or position held Assistant Professor in Mathematics  
Main activities and responsibilities Mathematic Analysis, Linear Algebra, Numerical Claculus, Statistics, Econometrics, Didactics of mathematics  
Name and address of employer “1 Decembrie 1918” University Alba Iulia, 510009-Alba Iulia, Romania

Dates October 2007- September 2009  
Occupation or position held Teaching assistant  
Main activities and responsibilities Teaching activity: Mathematic Analysis  
Name and address of employer West University of Timisoara, 300223-Timisoara, Romania  
Type of business or sector Public institution

Dates October 2005 – September 2006  
Occupation or position held Informatics teacher  
Main activities and responsibilities Teaching activity  
Name and address of employer Grup Scolar “Tudor Tanasescu” 300310-Timisoara, Romania  
Type of business or sector Public institution

### Education and training

Dates 19 February 2021  
Title of qualification awarded Habilitation Thesis  
Principal subjects/occupational skills covered Thesis title: “Time-Varying Linear Systems:Qualitative and Quantitative Analysis”  
Name and type of organisation providing education and training IOSUD Babes-Bolyai University, PhD School of Mathematics and Computer Science

Dates 2007-2012  
Title of qualification awarded PhD in Mathematics  
Principal subjects/occupational skills covered Thesis title: “Asymptotic behaviours of Linear Discrete Spaces”

Name and type of organisation providing education and training	West University of Timisoara, 300223-Timisoara, Romania
Dates	2004-2006
Title of qualification awarded	M.A. in Mathematics
Principal subjects/occupational skills covered	Operatorial Models Applied in Optimal Control and Differential Geometry
Name and type of organisation providing education and training	West University of Timisoara, 300223-Timisoara, Romania
Dates	2004-2006
Title of qualification awarded	B.A. in Informatics
Principal subjects/occupational skills covered	Computer Science
Name and type of organisation providing education and training	West University of Timisoara, 300223-Timisoara, Romania
Dates	2003-2004
Title of qualification awarded	Master 1
Principal subjects/occupational skills covered	Engineering Mathematics
Name and type of organisation providing education and training	University Bordeaux 1, France
Dates	2000-2004
Title of qualification awarded	B.A. in Mathematics
Principal subjects/occupational skills covered	Mathematics
Name and type of organisation providing education and training	West University of Timisoara, 300223-Timisoara, Romania
Dates	1996-2000
Title of qualification awarded	Degree in Informatics
Principal subjects/occupational skills covered	Informatics
Name and type of organisation providing education and training	Colegiul National Iancu de Hunedoara, Romania

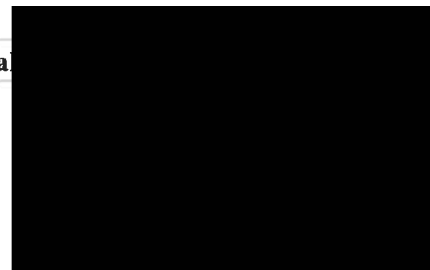
**Personal skills and competences**

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

<b>Understanding</b>	<b>Spea</b>
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European level (\*)

English

French

Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B2	B2	C1
B1	B2	B1	B1	B2

(\*) [Common European Framework of Reference for Languages](#)

**Driving licence**

Category B

**Computer skills and competences**

- operating systems: - Windows, Unix/Linux
- the base knowledge: Microsoft Office (Word, Excel, Access), L<sup>A</sup>T<sub>E</sub>X, Abode
- programming languages: C/C++, Maple, MATLAB

**Social skills and competences**

- good communication skills gained through my experience as a teacher, as a teaching assistant and during a number of conferences to which I participated

**Organizational Skills**

- Third Romanian Itinerant Seminar on Mathematical Analysis and its Applications (RISMAA'21), Alba Iulia, Romania, September 10-12, 2021, member of the Organizing Committee
- International Conference on Mathematical Analysis and Applications in Science and Engineering-ICMAS2SC'22, School of Engineering of the Polytechnic of Porto, on June 27-29, 2022, member of the Organizing Committee
- 1<sup>st</sup> International Symposium & International Student Workshop on Interdisciplinary Mathematics in the CiTi areas, ISIM&ISWIM, 26-29 June, Politehnica University of Bucharest, 2022, member of the Organizing Committee
- Smart Applications & Technologies for Electronic Engineering, June 21-23, 2018, Alba Iulia, Romania, SATEE2018, member of the Organizing Committee
- 2nd IMA Conference on Theoretical and Computational Discrete Mathematics 14–15 September 2018, University of Derby, U.K., member of the Organizing Committee
- The International Conference on Service Science, Technology and Engineering, June 23-25, 2017, Suzhou, China [SSTE2017], member of the Organizing Committee
- Recent Trends in Pure and Applied Mathematics, Alba Iulia, Romania, 31 July- 4 August 2017, [TREPAM2017], member of the Organizing Committee
- 13<sup>th</sup> International Symposium on Geometric Function Theory and Applications [GFTA2017], 3-6 August 2017, Arad, member of the Organizing Committee
- International Conference on Physics, Mathematics and Statistics, 23-24 September 2017, Shanghai, China, member of the Organizing Committee
- 12<sup>th</sup> International Symposium on Geometric Function Theory and Applications [GFTA2016], 25-28 August 2016, Alba Iulia, member of the Organizing Committee
- International Conference on Theory and Applications in Mathematics and Informatics, Alba Iulia 2015, member of the Organizing Committee
- 20<sup>th</sup>-24<sup>rd</sup> International Conference on Operator Theory Timisoara

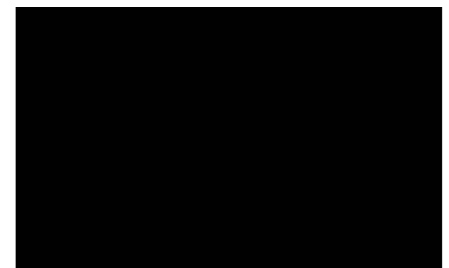
## Proceedings Editor

- Proceedings of the 8th International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 2015, Aeternitas Publishing House
- TREPAM 2017: Selected Topics in Discrete Mathematics, 31 July - 4 August, 2017, Alba Iulia, Romania, Electronic Notes in Discrete Mathematics, Elsevier
- TREPAM 2017: Selected Topics in Pure Mathematics, 31 July - 4 August, 2017, Alba Iulia, Romania, Aeternitas Publishing House
- Proceedings of the 12th International Symposium on Geometric Function Theory and Applications, GFTA2016, Aeternitas Publishing House
- Dynamical Systems: Advances in Theory and Applications, Edited by I.-L. Popa, A. Zada, O. Bagdasar, Axioms MDPI, 2021
- Advances on Complex Analysis, Edited by D. Breaz, I.-L. Popa, Mathematics MDPI, 2022
- Recent Advances in General Integral Operators, Edited by D. Breaz, I.-L. Popa, Fractal and Fractional MDPI, 2022

## Conference Technical Program Committee

- International Conference on Electronic and Information Technology [ICEIT2017], November 17th-19th, 2017, Zhuhai, China, [PMS 2017], member of the Technical Program Committee
- 5th Annual 2017 International Conference on Geo-Spatial Knowledge and Intelligence [GSKI2017], December 8th -10th, 2017, Chiang Mai, Thailand, member of the International Technical Program Committee
- 3rd Annual International Workshop on Wireless Communication and Network [IWWCN2017], December 8th -10th, 2017, Beijing, China, member of the International Technical Program Committee
- 2nd International Conference on Applied Mechanics, Electronics and Mechatronics Engineering [AMEME 2017], Beijing, 22-23 October, China, member of the International Technical Program Committee
- 2 International Conference on Applied Mathematics and Information Technology Oct. 25-26, 2017, Shanghai, China, member of the International Technical Program Committee
- 2017 International Conference on Mathematics, Modeling and Simulation Technologies and Applications [MMSTA2017], December 24-25, Xiamen, China, member of the International Technical Program Committee
- 2<sup>nd</sup> International Conference on Electrical, Control and Automation Engineering [ECAE2017] December 24-25, Xiamen, China, 2017, **General Chair**
- 3<sup>rd</sup> International Conference on Artificial Intelligence and Industrial Engineering [AIIE2017] November 26-27, Shanghai, China, 2017, member of the International Technical Program Committee
- 2<sup>nd</sup> Annual International Conference on Electrical Engineering and Automation Control [ICEEAC2018], April 20th—22nd, 2018, member of the International Technical Program Committee
- 3<sup>rd</sup> Annual International Conference on Information System and Artificial Intelligence [ISAI2018], June 22-24, Suzhou, Jiangsu, 2018, member of the International Technical Program Committee
- International Conference on Information Science and Technology [IST2018], member of the International Technical Program Committee
- International Conference on Mechanical, Automation and Applied Mechanics, February 8, 2018, Wuhan, China [MAAM2018], member of the International Technical Program Committee

- International Conference on Modelling, Simulation and Analysis, February 7-8, 2018, Wuhan, China, [ICMSA2018], member of the International Technical Program Committee
- International Conference on Modeling, Simulation and Optimization, January 21-22, 2018, Shenzhen, China, [MSO2018], member of the International Technical Program Committee
- International Conference on Advanced Control, Automation and Artificial Intelligence, January 21-22, 2018, Shenzhen, China, [ACAAI2018], member of the International Technical Program Committee
- International Conference on Power, Energy and Environmental Engineering, 7-8 February 2018, Wuhan, China [ICPEEE2018], member of the International Technical Program Committee
- 2018 International Conference on Applied Mathematics, Algorithms and Modelling, February 7-8, 2018, Wuhan, China, [AMAM2018], **General Chair**
- International Conference on Computer Science, Electronics and Communication Engineering, February 7-8, 2018, Wuhan, China, [CSECE2018], member of the International Technical Program Committee
- International Conference on Computer Modelling, Simulation and Algorithm April 22-23, 2018, Beijing, China, [CMSA2018], member of the International Technical Program Committee
- 2018 International Conference on Mathematics, Modelling, Simulation and Algorithms, March 25-26, 2018, Chengdu, China, [MMSA2018], member of the International Technical Program Committee
- International Conference on Electrical, Control and Mechanical Engineering, April 22-23, 2018, Beijing, China, [ECME2018], member of the International Technical Program Committee

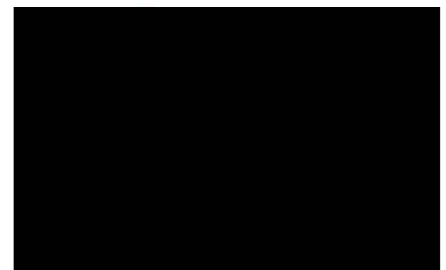




- International Conference on Communication, Network and Artificial Intelligence, April 22-23, 2018, Beijing, China, [CNAI2018], member of the International Technical Program Committee
- International Conference on Computer, Electronic Information and Communications, May 27-28, 2018, Sanya, China, [CEIC2018], member of the International Technical Program Committee
- 2<sup>nd</sup> International Conference on Applied Mathematics, Modelling and Statistics Application, 27-28 May, Sanya, China, [AMMSA2018], member of the International Technical Program Committee
- 6<sup>th</sup> Annual 2018 International Conference on Geo-Spatial Knowledge and Intelligence October 26-28, Beijing, China [GSKI2018], member of the International Technical Program Committee
- 3<sup>rd</sup> International Conference on Electrical, Automation and Mechanical Engineering, June 24-25, 2018, Xi'an, China, [EAME2018], member of the International Technical Program Committee
- 9<sup>th</sup> Annual International Congress of Information and Communication Technology, January 11-13, 2019 Nanning, Guangxi, China, [ICICT2019], member of the International Technical Program Committee
- International Conference on Advanced Electrical Engineering and Automation, May 27-28, 2018, Sanya, China, [AEEA2018], member of the International Technical Program Committee
- International Conference on Computational Modeling, Simulation and Mathematical Statistics, Xi'an, China, June 24-25, 2018, [CMSMS2018], member of the International Technical Program Committee
- 2<sup>nd</sup> Annual International conference on Control Engineering and Mechanical Design, October 19-21, 2018, Guilin, China [CEMD2018], member of the International Technical Program Committee
- 2<sup>nd</sup> International Conference on Applied Mathematics, Modeling and Simulation, August 26-27, 2018, Beijing, China, [AMMS2018], member of the International Technical Program Committee
- 2<sup>nd</sup> International Conference on Advances in Management Science and Engineering, June 24-25, 2018, Xi'an, China, [AMSE2018], member of the International Technical Program Committee
- 3<sup>rd</sup> International Conference on Control, Automation and Artificial Intelligence, August 26-27, 2018 Beijing, China, [3<sup>rd</sup>-CAAI 2018], member of the International Technical Program Committee
- 3<sup>rd</sup> International Conference on Modelling, Simulation and Applied Mathematics, July 22-23, 2018 Shanghai, China, [MSAM2018], member of the International Technical Program Committee
- 3<sup>rd</sup> International Conference on Automation, Mechanical and Electrical Engineering, Shanghai, China July 22-23, 2018, [AMEE2018], member of the International Technical Program Committee
- 4<sup>th</sup> International Conference on Green Materials and Environmental Engineering, October 28-29, 2018, Beijing, China, [GMEE2018], member of the International Technical Program Committee
- International Conference on Computer, Communications and Network Engineering, August 26-27 2018 Beijing, China, [CCNE2018], member of the International Technical Program Committee

- International Conference on Energy, Power and Environmental System Engineering Xiamen, China, November 25-26, 2018, [ICEPESE2018], member of the International Technical Program Committee
- International Conference on Electrical, Mechanical and Automation Engineering, Shanghai, China, December 22-23, 2018, [EMAE2018], **General Chair**
- International Conference on Computer, Communications and Mechatronics Engineering, December 22-23, 2018, Shanghai, China, [CCME2018], member of the International Technical Program Committee
- International Conference on Applied Mathematics, Modelling and Intelligence Computation October 28-29, 2018, Beijing, China [AMMIC2018], member of the International Technical Program Committee
- International Conference on Power, Energy and Materials Engineering, Shanghai, China, December 22-23, 2018, [PEME2018], member of the International Technical Program Committee
- International Conference on Advanced Electrical, Mechatronics and Computer Engineering, February 27-28, 2019, Shenzhen, China, [AEMCE2019], member of the International Technical Program Committee
- International Conference on Modelling, Simulation, Optimization and Numerical Techniques, February 27-28, 2019 Shenzhen, China, [SMONT2019], member of the International Technical Program Committee
- International Conference on New Energy, Power and Environmental Engineering July 19-20, 2019, Wuhan, China, [NEPEE2019], member of the International Technical Program Committee
- International Conference on Wireless Communication, Network and Multimedia Engineering, April 21-22, 2019, Guilin, China, [WCNME2019], member of the International Technical Program Committee
- International Conference on Electronical, Mechanical and Materials Engineering, Wuhan, China, January 20-21, 2019, [ICE2ME2019], member of the International Technical Program Committee
- International Conference on Computer Science, Communications and Big Data, March 24-25, 2019, Beijing, China, [CSCBD2019], member of the International Technical Program Committee
- 2nd International Conference on Sustainable Energy, Environment and Information Engineering March 24-25, 2019, Beijing, China, [SEEIE2019] member of the International Technical Program Committee
- 2nd International Conference on Energy, Environment and Chemical Engineering, April 21-22, 2019, Guilin, China [ICEECE2019], member of the International Technical Program Committee
- International Conference on Applied Mathematics, Modelling, Simulation and Optimization, Guilin, China, April 21-22, 2019, [AMMSO2019], member of the International Technical Program Committee
- International Conference on Modelling, Analysis, Simulation Technologies and Applications, May 26-27, 2019, Hangzhou, China, [MASTA2019], member of the International Technical Program Committee

- International Conference on Electrical, Mechanical Control, Automation and Robotics, Beijing, China, March 24-25, 2019, [EMCAR2019], member of the International Technical Program Committee
- 2nd International Conference on Informatics, Control and Automation, May 26-27, 2019, Hangzhou, China, [ICA2019], member of the International Technical Program Committee
- International Conference on Advanced Material Research and Processing Technology, July 19-21, 2019, Wuhan, China, [AMRPT2019], member of the International Technical Program Committee
- International Conference on Artificial Intelligence, Control and Automation Engineering, June 23-24, 2019, in Wuhan, China, [AICAE2019], **General Chair**
- International Conference on Modelling, Simulation and Big Data Analysis, Wuhan, China during June 23-24, 2019, [MSBDA2019], **General Chair**
- International Conference on Energy, Environmental and Civil Engineering, Wuhan, China, June 23-24, 2019, [EECE2019], member of the International Technical Program Committee
- International Conference on Materials Science and Manufacturing, Wuhan, China, June 23-24, 2019, [MSM2019], member of the International Technical Program Committee
- International Conference on Mathematics, Big Data Analysis and Simulation and Modelling, Changsha, China, August 30-31, 2019, [MBDASM2019], member of the International Technical Program Committee
- 2019 International Conference on Applied Mathematics, Modelling, Simulation and Statistics, Wuhan, China, July 19-21, 2019, [AMMSS2019], **Publication Chair**
- 2nd International Conference on Electrical, Mechanical and Industrial Engineering, Wuhan, China, July 19-21, 2019, ICEMIE2019], member of the International Technical Program Committee
- International Conference on Civil Engineering, Mechanics and Materials Science, Changsha, China, August 30-31, 2019, [CEMMS2019], member of the International Technical Program Committee
- International Conference on Power, Energy, Environment and Computer Science, August 30-31, 2019, Changsha, China, [PEECS2019], member of the International Technical Program Committee
- International Conference on Mechatronics, Control, Automation and Mechanical Engineering Shanghai, China, September 22-23, 2019, [MCAME2019], **General Chair**
- International Conference on Energy, Power and Environmental Science Beijing, China, November 24-25, 2019, [EPES2019], **General Chair**
- 4th International Conference on Computational Modelling, Simulation and Applied Mathematics, Guangzhou, China, December 27-29, 2019, [CMSAM2019], member of the International Technical Program Committee
- 2nd International Conference on Mathematics, Modelling and Simulation Technologies and Applications, October 27-28, 2019, Xiamen, China, [MMSTA2019], member of the International Technical Program Committee
- International Conference on Computational Modelling, Simulation and Optimization, Beijing, China, November 24-25, 2019, [CMSO2019], member of the International Technical Program Committee
- International Conference on Medicine, Bioengineering and Artificial Intelligence, Guangzhou, China, December 27-29, 2019, [MBAI2019], member of the International Technical Program Committee



- 3rd International Conference on Modelling, Simulation and Optimization Technologies and Applications November 22-23, 2020, Beijing, China, [MSOTA2020], member of the International Technical Program Committee
- 2019 International Conference on Mechatronics, Control and Automation Engineering, December 27-29, 2019 in Guangzhou, China, [ICMCAE2019], 2019 International Conference on Mechatronics, Control and Automation Engineering, December 27-29, 2019 in Guangzhou, China, [ICMCAE2019]
- 3rd International Conference on Applied Mathematics, Modelling and Simulation, Shanghai, China, July 12-13, 2020, [AMMS2020], member of the International Technical Program Committee
- 2nd International Conference on Communication, Network and Artificial Intelligence, Guangzhou, China, December 27-29, 2019, [CNAI2019], member of the International Technical Program Committee
- 2nd International Conference on Advanced Control, Automation and Artificial Intelligence, January 12-13, 2020, Wuhan, China, [ACAAI2020], member of the International Technical Program Committee
- International Conference on Electronics, Automation and Communication Engineering, Hangzhou, China during April 12-13, 2020, [EACE2020], member of the International Technical Program Committee
- 3rd International Conference on Advances in Management Science and Engineering, January 12-13, 2020 in Wuhan, China, [AMSE2020], member of the International Technical Program Committee
- International Conference on Big Data, Computer Modeling and Simulation Technology, Hangzhou, China during April 12-13, 2020, [BDCMST2020], member of the International Technical Program Committee
- International Conference on Mechanics, Civil and Materials Engineering, 12-13 of April , 2020, Hangzhou, China, [MCME2020], member of the International Technical Program Committee
- 2nd International Conference on Computer Modeling, Simulation and Algorithm, June 21-22, 2020, Beijing, China, [CMSA2020], member of the International Technical Program Committee
- 3rd International Conference on Energy and Power Engineering, Shanghai, China, September 20-21, 2020, [EPE2020], member of the International Technical Program Committee
- International Conference on Bioengineering, Clinical Medicine and Artificial Intelligence, Beijing, China, June 21-22, 2020, [BCMAI2020], member of the International Technical Program Committee
- 4th International Conference on Electrical, Automation and Mechanical Engineering, Beijing, China, June 21-22, 2020, [EAME2020], member of the International Technical Program Committee
- 3rd International Conference on Computer Modeling, Simulation and Algorithm, Changsha, China, February 2-3, 2021, [CMSA2021], member of the International Technical Program Committee
- International Conference on Cloud Computer, IoT and Intelligence System, April 11-12, 2021, Beijing, China, [CCIIS2021], member of the International Technical Program Committee
- International Conference on Intelligent Computing, Communication and Data Engineering, Beijing, China, November 22-23, 2020, [ICCDE2020], member of the International Technical Program Committee
- International Conference on Education, E-learning and Social Science, Beijing, China, June 21-22, 2020, [EELSS2020], member of the International Technical Program Committee
- International Conference on Physics, Mechanics and Mathematical Science, October 18-19, 2020, Xian, China, PMMS2020, member of the International Technical Program Committee



- 5th International Conference on Electrical, Automation and Mechanical Engineering, Beijing, China, April 11-12, 2021, [EAME2021], member of the International Technical Program Committee
- International Conference on Applied Mechanics, Materials and Civil Engineering, September 20-21, 2020, Shanghai, China, [ICAMMCE2020], member of the International Technical Program Committee
- 6th International Conference on Green Materials and Environmental Engineering, Changsha, China, February 2-3, 2021, [GMEE2021], member of the International Technical Program Committee
- International Conference on Environmental, Civil and Materials, Beijing, China, April 11-12, 2021, [ICECMS2021], member of the International Technical Program Committee
- 2nd International Conference on Medicine, Bioengineering and Artificial Intelligence, Xiamen, China, December 20-21, 2020, [MBAI2020], member of the International Technical Program Committee
- 2nd International Conference on Energy, Power and Environmental System Engineering, Shanghai, China, July 4-5, 2021, [ICEPESE2021], member of the International Technical Program Committee
- 2nd International Conference on Energy, Power, Environment and Computer Application, Beijing, China, November 22-23, 2020, [ICEPECA2020], member of the International Technical Program Committee
- 2nd International Conference on Computer, Communications and Mechatronics Engineering, Xiamen, China, December 20-21, 2020, [CCME2020], member of the International Technical Program Committee
- International Conference on Modeling, Big Data Analytics and Simulation, Xiamen, China, December 20-21, 2020, [MBDAS2020], member of the International Technical Program Committee
- International Workshop on Environmental Science and Renewable Energy Engineering, April 11-12, 2021 in Beijing, China, [ESREE2021], member of the International Technical Program Committee
- International Conference on Communications, Electronic and Information Engineering, Xiamen, China, December 20-21, 2020, [ICCEIE2020], member of the International Technical Program Committee
- International Conference on Modeling, Simulation and Optimization: Technologies and Engineering Applications, Beijing, China, April 11-12, 2021, [MSOTEA2021], member of the International Technical Program Committee
- 4th International Conference on Energy and Power Engineering, September 17-18, 2021, Guangzhou, China, [EPE2021], member of the International Technical Program Committee
- International Workshop on Power, Electrical and Mechanical Engineering, April 11-12, 2021, Beijing, China, [IWPEME2021], member of the International Technical Program Committee
- International Conference on Modern Education and Humanities Science, Changsha, China during February 2-3, 2021, [ICMEHS2021], member of the International Technical Program Committee
- International Conference on Control, Automation and Intelligent Computing, May 28-29, 2021, Beijing, China, [CAIC2021], member of the International Technical Program Committee
- 4th International Conference on Applied Mathematics, Modeling and Simulation Guangzhou, China, September 17-18, 2021, [AMMS2021], member of the International Technical Program Committee
- International Conference on Environment, Earth Science and Intelligent Information Systems, Shanghai, China, July 4-5, 2021, [EESIIS2021], member of the International Technical Program Committee
- 2nd International Conference on Advanced Energy, Power and Electrical Engineering, Beijing, China, March 6-7, 2022, [AEPEE2022], member of the International Technical Program Committee

- 4th International Conference on Computer Modeling, Simulation and Algorithm, Beijing, China, March 6-7, 2022, [CMSA2022], member of the International Technical Program Committee
- The 7th International Arab Conference on Mathematics and Computations (IACMC2022), 11-13 May, 2022 at Zarqa University, Jordan member of the International Technical Program Committee

### Memberships

- Romanian Mathematical Society SSMR
- IAENG Societies
- International Society of Difference Equations
- European Mathematical Society
- International Society on Dynamic Games (ISDG)

### Projects of Development And Contracts

- Project POSDRU/161/2.1/G/142060 "Intreprinderea Ta Primul Job" (Your Company – Your First Job) Key person from „1 Decembrie 1918” University of Alba Iulia
- Project POSDRU/56/1.2/S/32678 "Formarea cadrelor didactice universitare și a studenților în domeniul utilizării unor instrumente moderne de predare-învățare-evaluare pentrudisciplinile matematice, în vederea creării de competențe performante și practice pentru piața muncii" (Formation of academics and students in the use of modern teaching-learning-assessment tools for mathematical disciplines in order to create effective and practical skills for the labour market), West University of Timisoara Coordinator Prof. Dr. Mihail Megan, member of the West University of Timisoara team.
- Project CNFIS-FDI-2017-0592 "Mecanisme si instrumente de corelare a ofertei educationale cu cerintele pietei muncii in cadrul universitatii "1 Decembrie 1918" din Alba Iulia" (Mechanisms and tools to correlate the educational offer with the requirements of the labor market within the "1 Decembrie 1918" University of Alba Iulia) (PRO-INSERT) Key person: partnership representative
- Project Nr. 91/19.12.2017, "Dezvoltare, afirmare, reușită la începutul studenției" (DARIS), (Development, affirmation, success early student), Proiectul privind Învățământul Secundar (ROSE), 2018-2020
- "Stagii integrate de practică și consiliere profesională pentru absolvenți competitivi pe piața muncii (SIPAC)" POCU/626/6/13/131603, Expert responsabil piața muncii
- Travel Grant from EEA Grants to visit Nesna University, Norway, May 2016
- Travel Grant from Erasmus+ to visit Derby University, United Kingdom, March 2016
- Travel Grant from CEEPUS Grant to visit University of Miskolc, Hungary, August 2016
- Travel Grant from Erasmus+ to visit Derby University, United Kingdom, March 2017
- Travel Grant from Erasmus+ to visit University of Technology, Russia, June 2018
- Travel Grant from Erasmus+ to visit Derby University, United Kingdom, September 2018
- Travel Grant from Erasmus+ to visit University of Derby, United Kingdom, 2020
- Travel Grant from Erasmus+ to visit University of Catania, Italy, May 2022
- Travel Grant from Erasmus+ to visit Polytechnic of Porto (ISEP), Portugal, (in progress)
- Travel Grant from Erasmus+ to visit Politehnic University of Valencia, Spain, (in progress)

- Projects of Research**
- PhD Research Grant of the Romanian Education Ministry, Project Nr. 11190 “Asymptotic behaviors of Linear Discrete-Time Systems in Banach Spaces”
  - Project PN-III-P2-2.1-BG-2016-0333 “Sistem inteligent bazat pe invatare automata si vedere artificiala pentru optimizarea fluxului de fabricatie a portelanului” (Intelligent system based on machine learning and artificial vision for the optimization of manufacturing porcelain) of the Romanian National Authority for Scientific Research and Innovation, CNCS/CCCDI –UEFISCDI, key person; Responsible for modeling complex systems
  - Project PN-III-P2-2.1-PED-2016-1835 “Modele computationale pentru reproducerea culorilor in produse ceramice” (Computational Models for Reproducing Ceramics Colors) of the Romanian National Authority for Scientific Research and Innovation, CNCS/CCCDI –UEFISCDI, key person;
  - Project PN-III-P1-1.1-MC-2017-2172, short-term research grant to Texas A.&M. University, U.S.A., 2018
  - Project PN-III-P1-1.1-MC-2018-3273, short-term research grant to Missouri S&T University, U.S.A., 2018
  - „Masurari electrice, electronice, fluidice si elaborarea auditului energetic complex pentru punctele de lucru din Sibiu si Buzias ale companiei SC SIMEA Sibiu Srl pentru anul 2015” (Electrical, electronic and fluidic measurements and the development of an energetic complex audit for the workstations in Sibiu and Buzias of the company SC SIMEA Sibiu for 2015) based on research contract No. 928/21.10.2015 with SIEMENS Industrial Manufacturing Engineering and Applications SIMEA Srl. Key person; Responsible for theoretical analysis and experimental simulation
  - „Servicii de intocmire a bilantului energetic complex pentru instalatiile aferente ale CAA SA pentru anul 2015” (Services supporting the energetic complex audit of the subordinated workstations of CAA SA for 2015) based on the research contract Nr 968/11.11.2015 with S.C. Compania de Apa Arad SA. key person; Responsible for theoretical and experimental measurements
- Honors and Awards**
- Excellence Diploma “Professor Bologna” 2017 award granted by National Alliance of Student Organizations in Romania (ANOSR)
- Awarding of Research Results:**
- On weak exponential stability of evolution operators in Banach spaces, *Nonlinear Anal.* 73(2010), 2445-2010. Indicator PN-II-RU-PRECISI-2010-4, Cod 420.
  - On exponential stability for linear discrete-time systems in Banach spaces, *Comp. Math. Appl.* 63(2012), 1497-1503. Indicator PN-II-RU-PRECISI-2012-6, Cod 0947.
  - Nonuniform power instability and Lyapunov sequences, *Appl. Math. Comp.* 247(2014), 969-975 Indicator PN-II-RUPRECISI-2015-9- 9568
  - Optimal  $H_2$  Filtering for Periodic Linear Stochastic Systems with Multiplicative White Noise Perturbations and Sampled Measurements, *Journal of The Franklin Institute*, 352 (12), 5985-6010, PN-III-P1-1.1-PRECISI-2016-10938

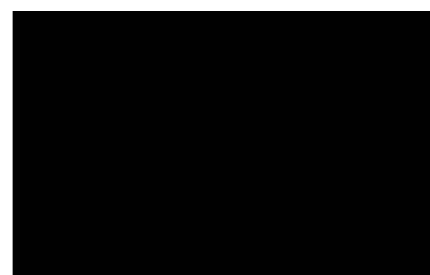
- Characterizations of the  $(h,k,\mu,\nu)$ -Trichotomy for Linear Time-Varying Systems, *Mathematical Methods in the Applied Sciences* Volume 40, Issue 17 30, 2017, 6172–6177, PN-III-P1-1.1-PRECISI-2017-20898
- Optimal filtering for a class of Itô stochastic systems: The dichotomic case, *Automatica*, Volume 90, April 2018, Pages 47-53, PN-III-P1-1.1-PRECISI2018-23345
- Uniform exponential trisplitting - a new criterion for discrete skew-product semiflows, *Electronic Journal of Qualitative Theory of Differential Equations*, 70(2019), 1-22, PN-III-P1-1.1-PRECISI-2019-38977
- Stochastic Linear Quadratic Differential Games in a State Feedback Setting with Sampled Measurements, *Systems & Control Letters* 134 (2019), 104563 PN-III-P1-1.1-PRECISI-2020-42152
- On the closed loop Nash equilibrium strategy for a class of sampled data stochastic linear quadratic differential games *CHAOS SOLITONS & FRACTALS* PN-III-P1-1.1-PRECISI-2020-43190
- Ulam-Hyers stability of impulsive integrodifferential equations with Riemann-Liouville boundary conditions *Advances in Difference Equations* PN-III-P1-1.1-PRECISI-2020-44730
- A fractional differential equation with multi-point strip boundary condition involving the Caputo fractional derivative and its Hyers-Ulam stability, PN-III-P1-1.1-PRECISI2021-54486
- On a Riemann–Liouville Type Implicit Coupled System via Generalized Boundary Conditions, PN-III-P1-1.1-PRECISI2021-54819
- Lyapunov functions for random semi-dynamical systems in terms of tempered exponential splitting, PN-III-P1-1.1-PRECISI-2021-3642
- Exact detectability: Application to generalized Lyapunov and Riccati equations, PN-III-P1-1.1-PRECISI-2021-64188

#### Associate Editor

- Central European Journal of Mathematics (2010-2012)
- Acta Universitatis Apulensis Seria Matematică-Informatică
- American Journal of Mathematical Analysis
- International Journal of Discrete Mathematics (2016-2019)
- International Journal of Multidisciplinary Research and Analysis
- SCIREA Journal of Mathematics

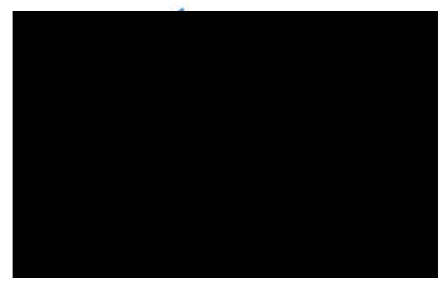
#### Reviewer

- Mathematical Reviews/MathSciNet (ID: 94649)
- Zentralblatt (ID: 14700)
- Applied Mathematics & Optimization
- Portugaliae Mathematica
- Journal of Computational and Applied Mathematics
- Mathematical Methods in the Applied Sciences
- Nonlinearity
- Boundary Value Problems





- Advances in Difference Equations
- Journal of Inequalities and Applications
- Symmetry
- Mathematics
- Processes
- Applied Sciences
- AIMS Mathematics
- Cognitive Neurodynamics
- Discrete and Continuous Dynamical Systems Series S
- The European Physical Journal Plus
- Zeitschrift für angewandte Mathematik und Physik
- Studia Universitatis Babeş-Bolyai Mathematica
- Applied Mathematics E-Notes
- American Journal of Modelling and Optimization
- Open Mathematics
- American Journal of Systems and Software
- Asian Research Journal of Mathematics
- Annals of West University of Timisoara - Mathematics and Computer Science
- Journal of Mathematical Sciences and Applications
- Industrial Engineering
- Journal of Discrete Mathematics
- Applied Mathematics and Physics
- Turkish Journal of Analysis and Number Theory
- Journal of Advances in Mathematics and Computer Science
- International Journal of Partial Differential Equations and Applications
- The 3<sup>rd</sup> International Conference on Fuzzy Systems and Data Mining
- The 4<sup>th</sup> International Conference on Fuzzy Systems and Data Mining
- 5<sup>th</sup> Annual 2017 International Conference on Geo-Spatial Knowledge and Intelligence
- 2<sup>nd</sup> International Conference on Electrical, Control and Automation Engineering, 2018
- 2<sup>nd</sup> International Conference on Electrical Engineering and Automation, 2018
- International Conference on Mechanical, Automation and Applied Mechanics, 2018
- International Conference on Computer Modelling, Simulation and Algorithm, 2018
- International Conference on Computer Science, Electronics and Communication Engineering, 2018
- The 2018 International Conference on Information Science and Technology
- International Conference on Mathematics, Modelling, Simulation and Algorithms, 2018
- The 9<sup>th</sup> Annual International Congress of Information and Communication Technology
- 2<sup>nd</sup> Annual International Conference on Electrical Engineering and Automation Control



## Publications

### Books

1. D. Breaz, I.-L. Popa, M. I. Stan, Arithmetics and Number Theory (Aritmetica si teoria numerelor), Aeternitas 2016, 185 pag.
2. I.-L. Popa, Linear discrete-time systems in infinite dimensional spaces, Aeternitas, 2015, 151 pag.
3. M.-G. Babutia, A. C. Muntean, I.-L. Popa, I. Stana, Elements of Arithmetics. Theory and Problems (Elemente de aritmetica. Teorie si probleme), Aeternitas, 2015, 328 pag.
4. T. Ceausu, M. Megan, I.-L. Popa, Mathematics problems with solutions at tenure competition 1993-2013 (Probleme de matematica cu enunturi si solutii date la concursurile de titularizare 1993-2013), MatrixRom 2014, 500 pag.
5. D. Breaz, I.-L. Popa, Methodology of mathematical activities (Metodica activitatilor matematice), ID Didactic Series UAB, 2016
6. D. Breaz, I.-L. Popa, Methods to solve arithmetic problems (Metode de rezolvare a problemelor de aritmetica), ID Didactic Series UAB, 2016
7. I.-L. Popa, Special Mathematics (Matematici Speciale), Didactic Series UAB, 2017
8. I.-L. Popa, Superior Mathematics (Matematici Superioare), Didactic Series UAB, 2020
9. D. Breaz, C. Muntean, I.-L. Popa, I. Stana, Methods of solving arithmetic problems (Metode de rezolvare a problemelor de aritmetica), 2021, MatrixRom, 300 pag.
10. I.-L. Popa, Modeling and decision simulations (Modelare si simulari decizionale), Didactic Series UAB, 2022
11. I.-L. Popa, Modeling and simulation of environmental pollution (Modelarea și simularea poluarii mediului), Didactic Series UAB, 2022

1. V. Dragan, I.G. Ivanov, I.-L. Popa, A Game — Theoretic Model for a Stochastic Linear Quadratic Tracking Problem, *Axioms* 2023, 12, 76 **IF: 1.824**
2. L.E. Biris, T. Ceausu, I.-L. Popa, N. Seimeanu, On uniform polynomial splitting of variational nonautonomous difference equations in Banach spaces, *Annals of West University of Timisoara Mathematics and Computer Science* 58, 2, (2022), 22– 37
3. V Drăgan, IL Popa, IG Ivanov, A linear quadratic tracking problem for impulsive controlled stochastic systems: The infinite horizon time case, *Mathematical Methods in the Applied Sciences*, 2022 <https://doi.org/10.1002/mma.8911> **IF: 3.007**
4. H Waheed, A Zada, R Rizwan, IL Popa, Hyers–Ulam Stability for a Coupled System of Fractional Differential Equation With p-Laplacian Operator Having Integral Boundary Conditions, *Qualitative Theory of Dynamical Systems* 21 (3), 1-24, 2022, **IF: 0.931**
5. A Zada, M Alam, KH Khalid, R Iqbal, IL Popa, Analysis of q-fractional implicit differential equation with nonlocal Riemann–Liouville and Erdélyi-Kober q-fractional integral conditions, *Qualitative Theory of Dynamical Systems* 21 (3), 1-39, 2022 **IF: 0.931**
6. H Waheed, A Zada, R Rizwan, IL Popa, Controllability of coupled fractional integrodifferential equations, *International Journal of Nonlinear Sciences and Numerical Simulation*, 2022, <https://doi.org/10.1515/ijnsns-2022-0015>, **IF: 2.156**
7. A Zada, B Pervaiz, M Subramanian, IL Popa, Finite time stability for nonsingular impulsive first order delay differential systems, *Applied Mathematics and Computation* 421, 126943, 2022 **IF: 4.397**
8. S Begum, A Zada, S Saifullah, IL Popa, Dynamical behavior of random fractional integro-differential equation via hilfer fractional derivative, *University politehnica of bucharest scientific bulletin-series a-applied mathematics and physics*, 84(3), 137-148, 2022 **IF: 0,903**
9. V Drăgan, IL Popa, IG Ivanov, A linear quadratic tracking problem for stochastic systems controlled by impulses. The finite horizon time case, *Carpathian Journal of Mathematics* 38 (3), 725-735, 2022, **IF: 1,360**
10. LE Biriş, T Ceauşu, I.L. Popa, N.M. Seimeanu, Lyapunov Conditions for One-Sided Discrete-Time Random Dynamical Systems, *Carpathian Journal of Mathematics* 38 (3), 777-788, 2022 **IF: 1,360**
11. V. Dragan, E. F. Costa, I.-L. Popa, S. Aberkane, Exact Detectability of Discrete-Time and Continuous-Time Linear Stochastic Systems with Periodic Coefficients. A unified approach, *IEEE Transactions on Automatic Control* 67(11), 5730-5745, 2022, **IF: 6.549**
12. M Alam, A Zada, IL Popa, A Kheiryan, S Rezapour, MKA Kaabar, A fractional differential equation with multi-point strip boundary condition involving the Caputo fractional derivative and its Hyers–Ulam stability, *Boundary Value Problems* 2021 (1), 1-18, **IF: 1.793**
13. V. Dragan, E. F. Costa, I.-L. Popa, S. Aberkane Exact Detectability: Application to Generalized Lyapunov and Riccati Equations, *Systems & Control Letters* 157, 105032, 2021, **IF: 2.742**
14. V Drăgan, IG Ivanov, IL Popa, O Bagdasar, Closed-Loop Nash Equilibrium in the Class of Piecewise Constant Strategies in a Linear State Feedback Form for Stochastic LQ Games, *Mathematics* 9 (21), 2713, 2021 **IF: 2.592**
15. U. Riaz; A. Zada; Z. Ali; I.-L. Popa; S. Rezapour, S. Etermal On a Riemann-Liouville type implicit coupled system via generalized boundary conditions, *Mathematics* 9 (11), 1205, 2021, **IF: 2.592**
16. V. Dragan, I.-L. Popa, A Spectral Criterion for the Existence of the Stabilizing Solution of a Class of Riccati Type Differential Equations with Periodic Coefficients, *Studia Universitatis Babes-Bolyai, Mathematica* 66 (1), 159-177, 2021
17. A. Zada, H. Waheed, I.-L. Popa, J. Alzabut, Ulam-Hyers stability of impulsive integrodifferential equations with Riemann-Liouville boundary conditions, Article Nr.: 64, *Advence in Difference Equations*, 2020 (**ISI Journal**) **IF: 3.761**
18. I.-L. Popa, T. Ceausu, L.E. Biris, T. Li, A. Zada, Generalized Exponentially Stable Linear Time-Varying Discrete Behavior

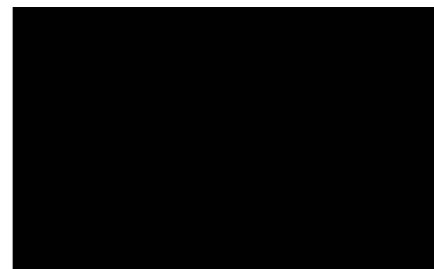
19. I.-L. Popa, Lyapunov Functions for Random Semi-Dynamical Systems in Terms of Tempered Exponential Splitting, *Mathematical Methods in the Applied Sciences* 45(15), 1923-1932, 2021 **IF: 3.007**
20. V. Dragan, I. Ivanov, I.-L. Popa, On the Closed Loop Nash Equilibrium Strategy for a Class of Sampled Data Stochastic Linear Quadratic Differential Games, *Chaos, Solitons and Fractals*, 2020 **IF: 9.922**
21. V. Dragan, I. Ivanov, I.-L. Popa, Stochastic Linear Quadratic Differential Games in a State Feedback Setting with Sampled Measurements, *Systems & Control Letters* 134 (2019), 104563 **IF: 2.742**
22. L. E. Biris, T. Ceausu, C. Mihit, I.-L. Popa, Uniform exponential trisplitting - a new criterion for discrete skew-product semiflows, *Electronic Journal of Qualitative Theory of Differential Equations*, 70(2019), 1-22. **IF: 1.316**
23. I.-L. Popa, T. Ceausu, O. Bagdasar, Ravi P. Agarwal, Characterizations of Generalized Exponential Trichotomies for Linear Discrete-time Systems, *An. St. Univ. Ovidius Constanta*, Vol. 27(2), 2019, 153-166. **IF: 0.886**
24. L.E. Biris, C. L. Mihit, T. Ceausu, I.-L. Popa, On uniform exponential trisplitting for cocycles of linear operators in Banach spaces *Analele Universitatii de Vest, Timisoara Seria Matematica – Informatica* LVI, 2, (2018), 81– 103
25. L. E. Biris, T. Ceausu, C. Mihit, I.-L. Popa, On uniform exponential trisplitting of discrete skew-product semiflows, *Electronic Notes on Discrete Mathematics*, Vol. 67, 2018, 91-96
26. V. Dragan, I.-L. Popa, S. Aberkane, On the Asymptotic Structure of the Stabilizing Solution of the Riccati Equation Arising in Connection with the LQ Regulator Problem for a class of Singularly Perturbed Stochastic Systems, *ROMAI J.*, v. 14, No. 2(2018), 67-87.
27. I.-L. Popa, L. E. Biris, T. Ceausu, T. Li, Remarks on Generalized Stability for Difference Equations in Banach Spaces, *Electronic Notes on Discrete Mathematics* 70 (2018), 77–82.
28. O. Bagdasar, E. Hedderwick, I.-L. Popa, On the rations and geometric boundaries of complex Horadam sequences, *Electronic Notes on Discrete Mathematics*, Vol. 67, 2018, 63-70
29. V. Dragan, S. Aberkane, I.-L. Popa, Optimal filtering for a class of Itô stochastic systems: The dichotomic case, *Automatica*, Volume 90, April 2018, Pages 47-53 **IF: 6.15**
30. V. Dragan, I.-L. Popa, S. Aberkane, Optimal Filtering of a signal generated by a system modeled by Itô differential equations with periodic coefficients: The dichotomic case. to appear in *Bull. Math. Soc. Sci. Math. Roumanie* Tome 61 (109), No. 4, 2018, 347–359 **IF: 0.232**
31. V. Dragan, I.-L. Popa, H. Mukaidani, T. Morozan, Exponential Stability in Mean Square of a Large Class of Singularly Perturbed Stochastic Linear Differential Equations, *Mathematics and its Applications / Annals of AOSR*, Vol. 10, No. 1/2018, 140-164.
32. O. Bagdasar, A. Birlutiu, M. Chen, I.-L. Popa, Qualitative Case Study Methodology: Automatic Design and Correction of Ceramic Colors, 21st International Conference on System Theory, Control and Computing, 2017, 704-708.
33. V. Dragan, S. Aberkane, I. I. Ganchev, I.-L. Popa, On the stabilizing solution of periodic Riccati differential equations related to a class of stochastic linear quadratic differential game, 20th IFAC World Congress, IFAC 2017, 9977-9982
34. M. Megan, I.-L. Popa, Exponential splitting for nonautonomous linear discrete-time systems in Banach spaces, *Journal of Computational and Applied Mathematics*, 312 (2017), 181-191 **IF: 2.872**
35. I.-L. Popa, T. Ceausu, M. Megan, Characterizations of the  $(h,k,\mu,\nu)$ -Trichotomy for Linear Time-Varying Systems, *Mathematical Methods in the Applied Sciences* Volume 40, Issue 17 30, 2017, 6172–6177 **IF: 3.007**
36. O. Bagdasar, I.-L. Popa, On the periodicity of certain non-homogeneous complex Horadam sequences, *Electronic Notes on Discrete Mathematics*, 56 (2016), 7-12

37. I.L. Popa, T. Ceausu, generalized exponential trichotomy for difference equations, IEEE International Symposium on Applied Computational Intelligence and Informatics, 2016, 173-176.
38. I.-L. Popa, T. Ceausu, O. Bagdasar, Characterizations of Generalized Exponential Trichotomies for linear discrete-time systems, Electronic Notes on Discrete Mathematics, 56 (2016), 65-70
39. V. Dragan, S. Aberkane, I.-L. Popa, Optimal  $H_2$  Filtering for Periodic Linear Stochastic Systems with Multiplicative White Noise Perturbations and Sampled Measurements, Journal of The Franklin Institute, Volume 352, Issue 12, December 2015, Pages 5985–6010 **IF: 4.246**
40. N. Lupa, M. Megan, I.-L. Popa, Generalized Exponential Dichotomies for Evolution Operators, 10 Editions of IEEE International Symposium on Applied Computational Intelligence and Informatics, 2015, 55-58.
41. V. Dragan, S. Aberkane, I.-L. Popa, Optimal  $H_2$  Filtering for Linear Stochastic Systems with Multiplicative White Noise Perturbations and Sampled Measurements, 13th International Conference on Informatics and Control, ICICNCO 2015
42. I.-L. Popa, T. Ceausu, M. Megan, Nonuniform power instability and Lyapunov sequences, Applied Mathematics and Computation 247(2014), 969-975 **IF: 4.397**
43. I.-L. Popa, M. Megan, T. Ceausu, On  $h$ -Trichotomy of Linear Discrete-Time Systems in Banach Spaces, Acta Universitatis Apulensis 39(2014), 329-339
44. I.-L. Popa, M. Megan, T. Ceausu, Nonuniform Exponential Dichotomies in Terms of Lyapunov Functions for Noninvertible Linear Discrete-Time Systems, The Scientific World Journal, Volume 2013, Article ID 901026, 7 pages
45. G.M. Babutia, M. Megan, I.-L. Popa, On  $(h, k)$ -Dichotomies for Nonautonomous Linear Difference Equations in Banach Spaces, International Journal of Differential Equations, ID 761680, 7 pag., vol. 2013
46. I.-L. Popa, M. Megan, T. Ceausu, Exponential dichotomies for linear discrete-time systems in Banach spaces, Appl. Anal. Discrete Math., 6(2012), 140-155 **IF: 1.414**
47. I.-L. Popa, T. Ceausu, M. Megan, On exponential stability for linear discrete-time systems in Banach spaces, Comp. Math. Appl., 63(2012), 1497-1503 **IF 3.218**
48. I.-L. Popa, A note on power instability of linear discrete-time systems in Banach spaces, An. Univ. Timișoara Ser. Mat. -Inform., 1(2012), 83-89.
49. I.-L. Popa, M. Megan, T. Ceausu, Nonuniform behaviours for linear discrete-time systems in Banach spaces, Acta Universitaris Apulensis, Special Issues 2011, 339-347.
50. N. Lupa, M. Megan, I.-L. Popa, On weak exponential stability of evolution operators in Banach spaces, Nonlinear Anal. 73 (2010), 2445-2450 **IF: 1.743**
51. M. Megan, T. Ceausu, I.-L. Popa, On exponential convergence of linear recurrence sequences, Gazeta Matematica Seria A, Anul XXVIV(CVIII), Nr. 3-4/2011, pp. 69-79.
52. I.-L. Popa, On exponential stability of linear discrete-time evolution operators in Banach spaces, Proceedings of the International Symposium Research and Education in an Innovation Era, 2010, 211-215.
53. I.-L. Popa, On exponential instability of linear discrete-time systems in Banach spaces, International Proceedings of the International Symposium Research and Education in an Innovation Era, 2010, 194-200.
54. I.-L. Popa, Nonuniform exponential instability for evolution operators in Banach spaces, Proceedings of the 12-th Symposium of Mathematics and its Applications, 2009, 162-168.
55. N. Lupa, I.-L. Popa, On a concept of exponential stability in Banach spaces, Proceedings of the International Symposium Research and Education in an Innovation Era, (2008), 70-77.

56. N. Lupa, I.-L. Popa, On exponential stability of linear skew-evolution semiflows in Banach spaces, An. Științ. Univ. Ovidius Constanța Ser. Civil Engineering, 1(2009), 175-184.
57. I.-L. Popa, T. Ceausu, L. E. Biris, A Zada, On Tempered Exponential Trisplitting for Random Semi-Dynamical Systems, to appear in IACMC 2022 Conference Proceeding, Springer Proceedings in Mathematics & Statistics 2022
58. V. Dragan, I.-L. Popa, S. Aberkane, V. Razvan, A Necessary and Sufficient Condition for the Existence of the Stabilizing Solution of a Large Class of Discrete-time Riccati Equations with Periodic Coefficients, submitted for publication
59. V. Dragan, I.-L. Popa, S. Aberkane, On the Stochastic Linear Quadratic Optimal Control Problem by Piecewise Constant Controls. The Infinite Horizon Time Case, to appear in Mathematical Methods in the Applied Sciences
60. O. Bagdasar, M. Chen, V. Dragan, I.G. Ivanov, I.-L. Popa, On Horadam Sequences with Dense Orbits and Pseudo-Random Number Generators, submitted for publication
61. V. Dragan, S. Aberkane, I.-L. Popa, T. Morozaan, On the stability and mean square stabilization of a class of linear stochastic systems controlled by impulses, submitted for publication
62. V. Dragan, T. Ceausu, I.-L. Popa, L.E. Biris, On tempered exponential dichotomy for random semi-dynamical systems, submitted for publication
63. H. Waheed, A. Zada, I-L Popa, S. Etemad, A. Akgül, S. Rezapour, Existence and Stability Analysis on Sequential Caputo–Type  $p$ –Laplacian Fractional BVPs with Multi Point Boundary Conditions, submitted for publication
64. K. Shah, A. Zada, I.-L. Popa, Stability and controllability of non-autonomous neutral system with two delays, submitted for publication
65. B. Pervaiz, A. Zada, I.-L. Popa, Analysis of fractional integro causal evolution impulsive systems on time scales, submitted for publication
66. H. Waheed, A. Zada, I.-L. Popa, S. Etemad, S. Rezapour, Analysis of  $\psi$ -Hilfer-Type Fully Hybrid Problem with the Help of Some Inequalities in the Generalized Darbo's Criterion, submitted for publication

#### Invited talks

1. "Comportari asimptotice ale sirurilor liniare recurente omogene" (Asymptomatic Behaviors of Homogenous and Recurrent Linear Strings) A XV-a Conferință Anuală a S.S.M.R (XVth Edition of Annual Meeting of the Romanian Mathematical Society), 29 September- 2 October, 2011, Hunedoara, Romania
2. "Dynamical systems: A state-of-the-art survey", University of Derby, March 18, 2016, United Kingdom
3. "Dichotomies for Time-Varying Systems" Missouri S&T Global-St. Louis, December 6, 2018 (UMSL Mathematics and Computer Science Colloquium) and Missouri S&T, Mathematics and Statistics Colloquium, December 7, 2018





**Conference talks:**

1. L.E. Biris, T. Ceausu, I.L. Popa, Lyapunov functions for random one-sided dynamical systems, 1st International Symposium & International Student Workshop on Interdisciplinary Mathematics in the CiTi areas, ISIM&ISWIM, 26-29 June, Politehnica University of Bucharest, 2022
2. V. Drgan, I-L. Popa, I. Ivanov, A Linear Quadratic Tracking Problem for Impulsive Controlled Stochastic Systems. The Infinite Horizon Time Case, Modelling for Engineering & Human Behaviour 2022 Valencia, July 14th-16th, 2022
3. I.-L. Popa, T. Ceausu, L. E. Biris, Generalized stability for difference equations in Banach spaces, 7<sup>th</sup> International Arab Conference on Mathematics and Computations, IACMM2022, May 2022, Zarqa, Jordan
4. V. Dragan, I.-L. Popa, Stability Analysis of impulsive stochastic linear differential equations, 1<sup>st</sup> International Symposium & International Student Workshop on Interdisciplinary Mathematics in the CiTi areas, ISIM&ISWIM, 26-29 June, Politehnica University of Bucharest, 2022
5. I.L. Popa, Lyapunov functions for random one-sided dynamical systems, 15 days international virtual faculty development programme frontiers of mathematics 19 May – 2<sup>nd</sup> June 2022
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15/01/2024



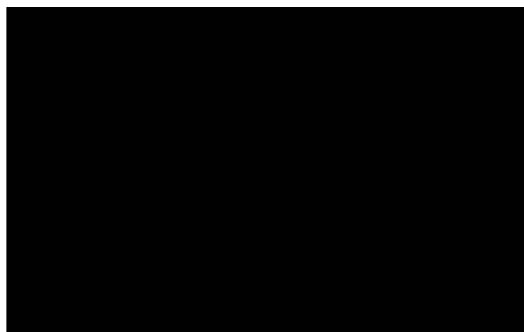


**DECLARAȚIE**  
**pe propria răspundere privind**  
**CONFLICTUL DE INTERESE ȘI INCOMPATIBILITĂȚI**

Subsemnatul Popa Ioan-Lucian, cadru didactic titular al Universității, la Facultatea de Informatica si Inginerie, Departamentul de Informatica, Matematica si Electronica, având funcția didactică de Profesor, candidat pentru funcția de / membru în consiliul departamentului de Informatica, Matematica si Electronica din cadrul Facultatii de Informatica si Inginerie<sup>1</sup>, cunoscând prevederile **art. 326 din Codul penal cu privire la falsul în declarații**, am luat la cunoștință de conținutul **art. 25 alin. (8), (9) și (10) din Metodologia de organizare și desfășurare a alegerilor academice în Universitatea „1 Decembrie 1918” din Alba Iulia** referitoare la conflictul de interese și incompatibilități și declar prin prezenta, pe propria răspundere, că în situația în care voi fi ales în consiliul departamentului de Informatica, Matematica si Electronica<sup>1</sup>) **nu mă aflu** în conflict de interese / incompatibilități

15.01.2024

(Data)



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<sup>1</sup> Se menționează structura căreia îi aparține funcția de conducere pentru care candidează

\*) Se va descrie de către semnatar situația de conflict de interese/incompatibilitate

