



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Ioan-Lucian Popa**
Address(es) : Alba Iulia, Jud. Alba
Telephone(s) : Mobile:
E-mail lucian.popa@uab.ro
Nationality Romanian
Date of birth
Gender Male

Work experience

Dates	February 2021 - Present
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-Time Systems in Banach 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
European level ()*

English

French

Understanding		Speaking		Writing
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^AT_EX, 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
- 1st 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
- 13th 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
- 12th 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
- 20th-24rd 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
- 2nd International Conference on Electrical, Control and Automation Engineering [ECAE2017] December 24-25, Xiamen, China, 2017, **General Chair**
- 3rd International Conference on Artificial Intelligence and Industrial Engineering [AIIE2017] November 26-27, Shanghai, China, 2017, member of the International Technical Program Committee
- 2nd Annual International Conference on Electrical Engineering and Automation Control [ICEEAC2018], April 20th—22nd, 2018, member of the International Technical Program Committee
- 3rd 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
- 2nd International Conference on Applied Mathematics, Modelling and Statistics Application, 27-28 May, Sanya, China, [AMMSA2018], member of the International Technical Program Committee
- 6th Annual 2018 International Conference on Geo-Spatial Knowledge and Intelligence October 26-28, Beijing, China [GSKI2018], member of the International Technical Program Committee
- 3rd International Conference on Electrical, Automation and Mechanical Engineering, June 24-25, 2018, Xi'an, China, [EAME2018], member of the International Technical Program Committee
- 9th 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
- 2nd Annual International conference on Control Engineering and Mechanical Design, October 19-21, 2018, Guilin, China [CEMD2018], member of the International Technical Program Committee
- 2nd International Conference on Applied Mathematics, Modeling and Simulation, August 26-27, 2018, Beijing, China, [AMMS2018], member of the International Technical Program Committee
- 2nd International Conference on Advances in Management Science and Engineering, June 24-25, 2018, Xi'an, China, [AMSE2018], member of the International Technical Program Committee
- 3rd International Conference on Control, Automation and Artificial Intelligence, August 26-27, 2018 Beijing, China, [3rd-CAAI 2018], member of the International Technical Program Committee
- 3rd International Conference on Modelling, Simulation and Applied Mathematics, July 22-23, 2018 Shanghai, China, [MSAM2018], member of the International Technical Program Committee
- 3rd International Conference on Automation, Mechanical and Electrical Engineering, Shanghai, China July 22-23, 2018, [AMEE2018], member of the International Technical Program Committee
- 4th 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 “Întreprinderea 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 pentru disciplinele 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 și instrumente de corelare a ofertei educaționale cu cerințele pieței muncii în cadrul universității “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,μ,ν) -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 3rd International Conference on Fuzzy Systems and Data Mining
- The 4th International Conference on Fuzzy Systems and Data Mining
- 5th Annual 2017 International Conference on Geo-Spatial Knowledge and Intelligence
- 2nd International Conference on Electrical, Control and Automation Engineering, 2018
- 2nd 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 9th Annual International Congress of Information and Communication Technology
- 2nd 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 competion 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 Behaviors, *Ann. Acad. Rom. Sci. Ser. Math. Appl.* Vol. 13, No. 1/2, 2020, 256-275

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), 1923-11932, 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,μ,ν) -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 Symposion on Applied Computational Inteligente 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 Symposion on Applied Computational Inteligente 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 ψ -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. Dragan, 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, 7th 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, 1st 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 – 2nd June 2022
6. I.L. Popa, On the Stochastic Linear Quadratic Optimal Control Problem by Piecewise Constant Controls. The Infinite Horizon Time Case, International Conference on Mathematical Analysis and Applications in Science and Engineering-ICMAS2SC'22, School of Engineering of the Polytechnic of Porto, June 27-29, 2022.
7. I.-L. Popa, A spectral criterion for the existence of the stabilizing solution of a class of riccati type differential equations with periodic coefficients, Second Online Conference on Nonlinear Dynamics and Complexity, ISEP, Porto, Portugal, October 4-6 2021.
8. I.-L. Popa, A spectral criterion for the existence of the stabilizing solution of a class of riccati type differential equations with periodic coefficients, Second Online Conference on Nonlinear Dynamics and Complexity, which took place at ISEP, Porto, Portugal, October 4-6 2021.
9. V. Dragan, I.G. Ivanov, I.-L. Popa, On the Stochastic Linear Quadratic Optimal Regulator by Piecewise Constant Admissible Controls. The infinite horizon case, AMEFSS 2020 – Applied Modeling in Economics, Finance and Social Sciences, Online Conference, 28 June- 2 July, 2020
10. I.-L. Popa, T. Ceausu, O. Bagdasar, On Splitting for Linear Random Time-Varying Discrete-Time Systems, 2nd International Conference on Mathematical Modeling and Computational Methods in Science and Engineering, Alagappa University, Karaikudi, India January 22-24, 2020
11. I.-L. Popa, Generalized Exponentially Stable Linear Time-Varying Discrete Behaviors, 2nd International Conference on Mathematical Modelling in Applied Sciences, ICMMAS'19, August 20-24, 2019, Belgorod-Russia
12. I.-L. Popa, Generalized Exponentially Stable Linear Time-Varying Discrete Behaviors, 16th International Conference on Applied Mathematics and Computer Science, July 3-6, 2019, Cluj-Napoca, Romania
13. V. Dragan, I. Ivanov, I.-L. Popa, The Nash Equilibrium in the Piecewise Constant Admissible Strategies for Stochastic LQ Games, Digital transformation of the economy and society: Shaping the future, 2019, Prilep, North Macedonia, October 2019
14. I.-L. Popa, Generalized Exponentially Stable Linear Time-Varying Discrete Behaviors, Second Romanian Itinerant Seminar on Mathematical Analysis and its Applications, Constanta, May 10–12, 2019
15. I.-L. Popa, T. Ceausu, L. E. Biris, Generalized stability for difference equations in Banach spaces, 15th International Conference on Mathematics and its Applications ICMA 2018, November 1-3, 2018, Timișoara

16. L. E. Biris, T. Ceausu, C. L. Mihit, I.-L. Popa, On Uniform Exponential Trisplitting of Discrete Skew-Product Semiflows, International Conference on Mathematics and Computer Science June 14-16, 2018, Braşov, Romania, 3rd Edition - MACOS 2018
17. Ovidiu Bagdasar, Adriana Birlutiu, Minsi Chen, Lucian Popa, Analysis of Glaze Color in Porcelain Industry, Optimization and Experimental Research in Smart Applications & Technologies for Electronic Engineering, SATEE 2018, 22-24 July, Alba Iulia, Romania
18. I.-L. Popa, Uniform Exponential Trisplitting - A New Criterion for Discrete Skew-Product Semiflows, 2nd IMA Conference on Theoretical and Computational Discrete Mathematics 14–15 September 2018, Derby, United Kingdom
19. O. Bagdasar, A. Birlutiu, M. Chen, I.-L. Popa, On the design and correction of ceramic colors: a mathematical perspective, Recent Trends in Pure and Applied Mathematics, 31 July - 4 August 2017, Alba Iulia, Romania
20. 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, 19-21 October 2017, Sinaia, Romania
21. I.L. Popa, Nonuniform behaviors and Lyapunov sequences for linear discrete-time systems in Banach spaces, 1st IMA Conference on Theoretical and Computational Discrete Mathematics 22–23 March 2016, Derby, United Kingdom
22. I.-L. Popa, T. Ceausu, Generalized exponential trichotomy for difference equations, 11th edition of IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2016, Timisoara, 2016
23. I.-L. Popa, Generalized Exponential Trichotomy for Discrete Evolution Operators in Time-Varying Systems, 12th International Symposium on Geometric Function Theory and Applications, Alba Iulia, 2016
24. I.-L. Popa, Nonuniform (μ, ν) Trichotomy of Linear Discrete-Time Systems in Banach Spaces, The International Conference Mathematical and Computational Modelling on Science and Technology, 2-7 August 2015 Izmir-Turkey
25. I.-L. Popa, Nonuniform Exponential Trichotomies in Terms of Lyapunov Functions, The Eight Congress of Romanian Mathematicians, 26 June -1 July, Iasi, 2015
26. I.-L. Popa, T. Ceausu, M. Megan, Characterizations of the (h, k, μ, ν) -Trichotomy for Linear Time-Varying Systems, International Conference on Theory and Applications in Mathematics and Informatics 2015, Alba Iulia, 2015
27. 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, SACI 2015, 21-23 May, Timisoara, 2015
28. I.-L. Popa, M. Megan, Exponential splitting for nonautonomous linear discrete-time systems in Banach spaces, Joint international meeting of the American Mathematical Society and Romanian Mathematical Society, 27-30 June, Alba-Iulia, 2013
29. I.-L. Popa, T. Ceausu, Nonuniform power instability and Lyapunov sequences, 24th International Conference on Operator Theory, 2-7 July, Timişoara, 2012
30. I.-L. Popa, T. Ceausu, C. Stoica, Nonuniform behaviors for linear discrete-time systems in Banach spaces, International Conference on Theory and Applications in Mathematics and Informatics, Alba-Iulia, 21-24 July, 2011
31. I.-L. Popa, On exponential instability of linear discrete-time systems in Banach spaces, International Symposium Research and Education in an Innovation Era 3rd Edition, Arad, 11-12 November, 2010

32. I.-L. Popa, On Rolewicz-Datko theorem of linear discrete-time systems in Banach spaces, International Symposium Research and Education in an Innovation Era 3rd Edition, Arad, 11-12 November, 2010
33. I.-L. Popa, Nonuniform exponential instability for evolution operators in Banach spaces, The 12th Symposium of Mathematics and its Applications, Timișoara, 5-7 November, 2009
34. N. Lupa, I.-L. Popa, On exponential Stability of Linear Skew-Evolution Semiflows in Banach spaces, International Conference „Dynamical Systems and Applications” 5th Edition Constanța, 15-18 June, 2009
35. N. Lupa, I.-L. Popa, On asymptotic properties of linear differential equations on Banach spaces, International Symposium Research and Education in an Innovation Era 2nd Edition, Arad, 20-21 November, 2008
36. I.-L. Popa, T. Ceausu, M. Megan, Concepte de stabilitate si instabilitate pentru ecuatii cu diferente in spatii Banach, Zilele Academice Timișene, Editia a XII-a, Timisoara, 26 May, 2011
37. N. Lupa, I.-L. Popa, Stabilitate si dichotomie slaba pentru ecuatii de evolutie in spații Banach, A XIV-a Conferință Anuală a S.S.M.R, Alba-Iulia, 15-17 October, 2010

Alba Iulia,
12/01/2023

Assoc. Prof. Habil. Ioan-Lucian Popa