



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **MIHAI-AURELIU LUNGU**  
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Nationality Romanian  
Date of birth 13.12.1980  
Gender male

### Desired employment / Occupational field

University of Craiova, Faculty of Electrical Engineering

### Work experience

Dates	2004-present
Occupation or position held	Teacher (Assistant, Lecturer, Associate Professor)
Main activities and responsibilities	Teaching and research activities
Name and address of employer	University of Craiova, Faculty of Electrical Engineering
Type of business or sector	Education and research
Dates	1999-2004
Occupation or position held	Engineer Specialisation: Board Equipments and Devices
Main activities and responsibilities	Area of competences acquired: Adaptive systems for the flight control; Optimal systems for the flight objects automation; Auto-pilots; Aerospacial command systems; Gyro equipments and devices; Computer graphics for engineers; The theory and construction of the aircrafts board apparatus.
Name and address of employer	University of Craiova, Faculty of Electrical Engineering
Type of business or sector	Education and research
Dates	2004-2005
Occupation or position held	Post graduate studies Master: "Complex Systems for Stabilization, Navigation and Aerospaciale Guidance", University of Craiova. Admission year: 2004. Graduation year: 2005. Thesis: grade 10
Main activities and responsibilities	Flight control systems; Flight objects automation; Aerospaciale control systems; Automatic pilots.
Name and address of employer	University of Craiova, Faculty of Electrical Engineering
Type of business or sector	Education
Dates	2004-2007
Occupation or position held	PhD. PhD Domain: "Aerospaciale Engineering", 2004 – 2007 (University "Politehnica", Bucharest, Romania). Title of the PhD thesis: "Complex Adaptive and Optimal Systems for the Stabilization, Navigation and Control of the Flying Objects". Supervisor: Professor PhD. Eng. Corneliu Berbente
Main activities and responsibilities	Teaching and research activities
Name and address of employer	Universitatea POLITEHNICA Bucuresti

Type of business or sector

Education

Mother tongue(s)

**Romanian**

Other language(s)

Self-assessment

*European level (\*)*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(\*) Common European Framework of Reference for Languages

Social skills and competences

Sociable, ambitious, serious, punctual, honest and hardworking person; excellent results in teamwork

Scientific and educational contributions

See Annex 1

Technical skills and competences

**Interest fields:** State estimation; Automatics of the flight objects, Rockets control, automatic pilots, Adaptive systems for the flight control; Optimal systems for the flight control; Auto-pilots.

Computer skills and competences

**Operating systems:** Windows, MS DOS;  
**Programming languages:** Pascal, C++;  
**Text processors:** Word, Amipro, Power Point;  
**Software:** Matlab, Autocad, Spice, Visio, Hi-Q, Excel

Artistic skills and competences

-

Other skills and competences

-

Driving licence

Driving licence – B category

#### **Additional information**

Membership Association

- **Member of A.G.I.R.** (General Association of the Romanian Engineers from Romania) starting with 2010;
- **Member of S.R.A.I.T.** (Automatics and Informatics Romanian Society) starting with 2010;
- **Member of A.A.A.R.** (Romanian Aeronautical and Astronautically Association) starting with 2009;
- **Collaborator member** of Association "**Romanian Wings**" starting with 2010;
- **Member of D.A.A.M.** (Danube Adria Association for Automation & Manufacturing Vienna - Austria) – years 2008, 2010, 2011;
- **Member of CERTES research centre** (Research and testing of the electro energetic systems and of the Aerospace stabilization and navigation systems).

Participation in Romanian National Grants: **17** – Annex 2 (List of the most important grants)

Books/chapters in books: **7**

Lab guidelines: **2**

Patents: **1**

Publications

Scientific papers: **142** (ISI Journal papers: **23**) – Annex 3 (List of the most relevant 10 papers)

Member of Editorial Board – **3** international journals and **2** international conferences

Reviewer of **21** scientific journals and **17** international conferences

**151** citations;

Hirsch index: **3** (Scopus), **5** (Web of Science), **7** (Google Scholar)

Annexes

3 annexes

24.02.2017

Associate Professor,  
PhD. Mihai-Aureliu LUNGU



## Annex 1. Scientific and educational contributions

I am currently *Associate Professor* to *Faculty of Electrical Engineering, University of Craiova*, Romania. My interest domains are: Automatics of the flight objects, Rockets control, Automatic pilots, Adaptive systems for the flight control; Optimal systems for the flight control; Auto-pilots.

### Taught courses:

Flight control systems;  
Stability and command in flight theory;  
Flying objects' automation;  
Systems for the estimation of the flying objects' state;  
Flight optimal control systems.

### Awards:

- **Aurel Vlaicu prize (Romanian Academy Prize)** for the book "*Sisteme de conducere a zborului (Flight control systems)*";
- **AGIR Award (Award of the General Association of the Romania Engineers) – 2015** for the book "*Estimarea stării aparatelor de zbor (State estimation of the flying objects)*";
- **AGIR Award (Award of the General Association of the Romania Engineers) – 2016** for the book "*Controlul automat al aeronavelor la aterizare (Aircraft automatic control during landing)*";
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2012* for the paper: *Full-order observer design for linear systems with unknown inputs (International Journal of Control, vol. 85, no. 10, 2012, pp. 1602-1615)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2013* for the paper: *Automatic Control of Aircraft in Longitudinal Plane During Landing (IEEE Transactions on Aerospace & Electronic Systems, vol. 49, no. 2, 2013, pp. 1338–1350)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2013* for the paper: *ALSs with Conventional and Fuzzy Controllers Considering Wind Shears and Gyro Errors (Journal of Aerospace Engineering, vol. 26, no. 4, 2013, pp. 794-813)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2014* for the paper: *Reconfigurable Controller for Active Fault-tolerant Control Systems with Applicability to Flight Control. (Proceedings of the Romanian Academy, Series A: Mathematics, physics, technical sciences, information science, vol. 15, no. 2, pp. 191-199, 2014)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2015* for the paper: *Adaptive Control of the Helicopters' Pitch Angle and Velocity (Journal of Aerospace Engineering, vol. 27, no. 5)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2015* for the paper: *Application of  $H_2/H_\infty$  and Dynamic Inversion Techniques to Aircraft Landing Control (Aerospace Science and Technology), vol. 46, pp. 146-158)*;
- **UEFISCDI/PN II Prize**, Program *Human Resources - Competition "The research results' award" 2015* for the paper: *Application of  $H_2/H_\infty$  Technique to Aircraft Landing Control (Asian Journal of Control, vol. 17, no. 6, pp. 2153-2164, 2015)*;
- **Medal of honor** for outstanding results achieved in scientific research during 2014 - **Gala of excellence in research**, first edition, University of Craiova, 2016.
- **UEFISCDI/PN II Prize**, Program **Human Resources - Competition "The research results' award" 2016** for the paper: *Control of the Aircraft Lateral-Directional Motion during Landing using the  $H_\infty$  Control and the Dynamic Inversion (Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 16, no. 4, pp. 547-555, 2015, authors: R. Lungu, M. Lungu)*.
- **UEFISCDI/PN II Prize**, Program **Human Resources - Competition "The research results' award" 2016** for the paper: *Automatic Control of Aircraft Lateral-directional Motion during Landing using Neural Networks and Radio-technical Subsystems (Neurocomputing Journal, vol. 171, pp. 471-481, 2016, authors: M. Lungu, R. Lungu)*.
- **UEFISCDI/PN II Prize**, Program **Human Resources - Competition "The research results' award" 2016** for the paper: *Adaptive flight control law based on neural networks and dynamic inversion for micro aerial vehicles (Neurocomputing Journal, vol. 199, pp. 40-49, 2016, authors: R. Lungu, M. Lungu)*.
- **The biography was included in Who's Who in Science and Engineering**, 11<sup>th</sup> Edition, 2011-2012. Published by Marquis Who's Who, SUA;
- **Certificate of Appreciation** for the papers presented to the WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS'09), Turkey, May 30 - June 1 **awarded by WSEAS (World Scientific And Engineering Academy And Society)**;
- As student I received, between years 2001 and 2004, the **performance scholarship** awarded by the Education and Research Ministry;
- **Awards to Mathematical and Physics county competitions (1995-1999)**;
- **Special Award** to the Physics county competition (Craiova 1998).

Till now I have published **142 papers** to international journals, national or international conferences (some of them can be found in Annex 3), the main topic being the systems for the control and command of the flying objects. I have also a rich research activity - **17 grants**, the most important **14** being presented in Annex 2; **7 books** and **2 lab guidelines** have me as; I am also the co-author of a patent regarding the

amplification of the Coanda effect.

#### Postdoctoral studies

- **3 years postdoctoral scholarship** (2010 - 2013) within the Grant "University research partnership - a step towards a postdoctoral school of the future". Grant code: **POSDRU/89/1.5/S/61968**. Contract financed from European Social Fund Operational Program Human Resources Development 2007-2013. The title of the research postdoctoral project: "**Algorithms and structures for aircrafts and rockets identification, estimation and control**". Coordinating Institution: University of Craiova.
- **WSEAS Postdoctoral stage – 1 year** (November 2010 – October 2011). Research subject: cercetare: *The state estimation and the optimal command of the flying objects*. Mentor: Professor PhD. Nikos Mastorakis, Technical University, Sofia, Bulgaria.

#### Attended courses:

- European Union Financed Project Management & Team Building (Workshop organized by the European Training Centre Copenhagen, Denmark, and the University of Craiova, 2014);
- The research management (Craiova, March 12-13, 2011; Craiova, March, 27-28, 2012);
- Gender equality, equal opportunities and discrimination, sustainable development and environment protection (Craiova, February 7-9, 2011).

#### Scientific competence domains:

- 1) Flight control systems;
- 2) State estimation;
- 3) Aerospace control systems;
- 4) Automatic pilots;
- 5) Gyroscopic equipment and systems;
- 6) Theory and construction of the aircrafts board apparatus;
- 7) Computer graphics for engineers

#### Member in the Editorial Board - scientific international journals/Chairman/Associate Editor:

**Journals:** *Chinese Journal of Aeronautics*, ISSN: 1000-9361; *Scientific Research and Essays*, ISSN:1992–2248; *Journal of Mechanical Engineering Research*, ISSN:2141–2383; *Journal of Chemical Engineering and Materials Science*; *Journal of Computer Science, Informatics, Electrical Engineering*, ISSN:1556–6757; *WSEAS Transactions on Systems*, ISSN: 1109-2777; *International Journal of Adaptive Control and Signal Processing*, ISSN: 0890-6327; *The Aeronautical Journal*, ISSN: 0001-9240; *IEEE Transactions on Aerospace and Electronic Systems*, ISSN: 0018-9251; *Optimal Control Applications & Methods*, ISSN: 1099-1514; *Journal of Aerospace Engineering*, ISSN: 0893-1321; *Journal of Dynamic Systems, Measurement and Control (Transactions of ASME)*, ISSN: 0022-0434; *Aerospace Science and Technology*, ISSN: 1270-9638; *Asian Journal of Control*, ISSN: 1561-8625; *WSEAS Transactions on Systems and Control*, ISSN: 1991-; *American Journal of Applied Sciences*, ISSN: 1941-7020; *Journal of Process Control*, ISSN: 0959-1524; *International Journal of Control*, ISSN: 0020-7179 –; *Transactions of the Institute of Measurement and Control*, ISSN: 0142-3312; *IEEE Transactions on Industrial Electronics*, ISSN: 0278-0046 –; *Expert Systems with Applications*, ISSN: 0957-4174; *International Multi-Conference on Systems, Signals and Devices (SSD 2017)*.

**Conferences:** *WSEAS International Conference on Automatic Control, Modelling & Simulation (ACMOS'12, ACMOS'13, ACMOS'14); Automatic Control, Soft Computing and Human-Machine Interaction (ASME'12); 16th WSEAS International Conference on Systems (CSCC'12); 3th International Conference on Circuits, Systems, Control, Signals (CSCS'12); European Conference on Control (ECC'12); 11th WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing (CSECS'12); 12th WSEAS International Conference on Signal Processing, Robotics and Automation (ISPRA'13); 9th WSEAS International Conference on Dynamical Systems and Control (CONTROL '13); 17th WSEAS International Conference on Systems (CSCC'13); 52nd IEEE Conference on Decision and Control (CDC'13); 14th WSEAS International Conference on Automation & Information (ICAI'13); 2th Intelligent Control, Modeling and Systems Engineering (ICMS'14); 16th IEEE International Carpathian Control Conference (ICCC '15); Mathematical, Computational and Statistical Sciences Conference (MCSS '16); 16th International Conference on Robotics, Control and Manufacturing Technology, 20th International Conference on System Theory, Control and Computing (ICSTCC'16).*

#### Member in the Editorial Board - scientific international journals/Chairman/Associate Editor

- **American Journal of Engineering and Applied Sciences – Associate Editor** (2015-present), ISSN: 1941-7020;
- **International Journal of Circuits, Systems and Signal Processing – Associate Editor** (2011-2014), ISSN: 1998-4464;
- **Oriental Journal of Computer Science and Technology – Associate Editor** (2017-present), ISSN: 0974-6471;
- **20th IEEE International Conference on System Theory, Control and Computing, Sinaia, 13-15 October 2016 – Associate Editor** (2016);
- **17th International Carpathian Control Conference, Tatranská Lomnica, Slovak Republic, May 29 - June 1, 2016 – Chairman** (2016);
- **Organizer of the scientific special session "Systems and equipment for aircraft landing"** within the conference "International Conference on Applied and Theoretical Electricity – ICATE 2016".

*Competence domains:*

- **Fundamental research, applicative research, computer aided design and optimization, put into operation and service** for: 1) optimal, adaptive (neural networks, backstepping, fuzzy) and classical (using PD/PID control laws) flight control systems for the control and stabilization of aircraft, spacecraft, and UAVs; 2) linear and nonlinear observers' design and software implementation; 3) automatic pilots; 4) aerospace guidance systems; 5) equipment and gyroscopic systems.
- **Software development** for diverse applications in the Aerospace Engineering domain.
- **Instrumentation, acquisition, storage, numerical processing, on-line/off-line signals' analysis.**

*Activities regarding the education process:*

- 1) participation in aircraft **ZLIN YR-E.I.B. 2004** refurbishment, activity domain: electrical installations and board apparatus;
- 2) Attendance at the scientific student conference "Student Technical Days", April 26-29, 2004. Here I presented the paper: *Aircraft attitude control systems for the pitch movement*;
- 3) design of the practical functional laboratory device **Strap – Down Gyrometric Platform for the measurement of the roll, pitch and yaw angular rates** (the platform has three velocity gyros, it has three freedom degrees and it gives the roll, pitch and yaw angular rates of the aircraft. The platform uses an acquisition board and it is connected with the computer by means of an interface; the measurement of the three angular rates is made on-line. The software has been designed in Hi-Q by the author of the platform);
- 4) **Major contributions to the manufacturing** of practical functional laboratory devices – Auto-pilot for MIG-21 and Auto-pilot for IAR-21 consisting of: commands, command surfaces, stick, ARU-3V system, altitude corrector, load mechanisms, time relay, hydraulic amplifiers, calculation block, RUB-K and RUB-T amplifiers, RAU-K and RAU-T command boxes, RBK-155 regulator, attack angle and glide-slope angle transducers etc;
- 5) **Major contributions to the manufacturing** of practical functional laboratory devices – System to accelerate the flow on the flaps in the boundary layer and Electro-fluidic system for aircraft automatic control of the fuel consume order;
- 6) Software instruments and experimental platforms for more than 30 lab devices for the courses Flight control systems, Stability and command in flight theory, Flight optimal control systems and Systems for the estimation of the flying objects' state from the license and master cycles of the Aerospace Engineering domain in University of Craiova
- 7) **Plenary Speaker** to the International Conference on Automatic Control, Modelling and Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009; here I presented the paper *Non-linear Adaptive Controllers with Linear Dynamic Compensator and Neural Network*;
- 8) Leading of **22** diploma projects and dissertations;
- 9) Organization of meetings with high school students for the presentation of specialization "Avionic equipments and devices";
- 10) Elaboration of presentation materials for the presentation of specialization "Avionics equipment and devices";
- 11) Elaboration of didactical materials;
- 12) Member in the committee for the accreditation of the specialization "Avionics Equipment and Devices";
- 13) Secretary/Member of the Commission for the Enrollment in college, July – September 2010, 2011, 2016;
- 14) I participated to the wording of approximately **20** research projects proposals;
- 15) I participated to the acquisition processes for our laboratories;
- 16) Member in the organization team of the Scientific conference for students in the domain of electrical engineering, May 19-20, 2016; member in the comision for evaluation of the papers in Section 1 – "Electromechanical modern systems";
- 17) Member in the competition commission, job: Assistant, position 56, Faculty of Electrical Engineering, domain: "Aerospace Engineering", 2016;
- 18) Member of advisory committees for **4** PhD students (University "Politehnica" of Bucharest, Faculty of Aerospace engineering.

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Associate Professor,  
PhD. Mihai-Aureliu LUNGU



## Annex 2. Participation in Romanian National Grants (selective list)

No.	Project / Program	Function	Period
1.	<b>COMISIS - Computational methods in scientific investigation of space.</b> Space Technology and Advanced Research - Program for Research, Development and Innovation; collaboration with European Space Agency (ESA) – 2013-2016. Financial source: Education Minsiter and ESA.	<i>Project responsible</i>	2013-2016
2.	<b>Modern architectures for the control of aircraft landing.</b> Program PN II – Human Resources (2015-2017) – Young Teams. Grant code: TE 89/1.10.2015 Financial source: Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).	<i>Grant director</i>	2015-2017
3.	<b>STS – System for sub-orbital testing, launching infrastructure development, flight tests.</b> Program PN-II – Partnerships in priority domains – 2014-2016. Financial source: Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).	<i>Project responsible</i>	2014-2016
4.	<b>High precision low-cost INS/GPS integrated navigation systems, based on intelligent data fusion algorithms.</b> Program PN II – Human Resources (2015-2017) – Young Teams. Financial source: Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).	<i>Member of the research team</i>	2015-2017
5.	<b>High-precision micro and nano smart sensors for space inertial navigation applications.</b> Research-Development-Innovation Program, Space Technology and Advanced Research (STAR)	<i>Member of the research team</i>	202-2015
6.	<b>High-precision strap-down inertial navigators, based on the connection and adaptive integration of the nano and micro inertial sensors in low cost networks, with a high degree of redundancy.</b> Program: PN II – Human Resources – Young Teams.	<i>Member of the research team</i>	2010-2013
7.	<b>Researches regarding the amplification of the Coanda effect.</b> Program: PN II - IDEAS	<i>Member of the research team</i>	2008 - 2011
8.	<b>Multifunctional air system with high autonomy degree for the environment quality supervisor - SAMASCAM.</b> Program: PN-II – Partnerships in priority domains	<i>Member of the research team</i>	2008-2011
9.	<b>Air platform for the analysis of the aircraft flight qualities using similitude and scale reduction - PLATFUS.</b> Program: PN-II – Partnerships in priority domains	<i>Member of the research team</i>	2008-2011
10.	<b>Systems, equipment, technologies and advanced techniques for the increasing of the infrastructure and public/private interest protection degree – AVPROT.</b> Program: PN-II – Partnerships in priority domains	<i>Member of the research team</i>	2007-2010
11.	<b>Hydrostatic servo-actuator for aircrafts – SAHA.</b> Progra: PN-II – Partnerships in priority domains	<i>Member of the research team</i>	2007-2010
12.	<b>Algorithms and structures for aircrafts and rockets identification, estimation and control</b> - 3 years postdoctoral scholarship within the Grant "University research partnership - a step towards a postdoctoral school of the future". Grant code: POSDRU/89/1.5/S/61968. Contract financed from European Social Fund Operational Program Human Resources Development 2007 – 2013.	<i>Post-doctoral scholarship owner (grant director)</i>	2010-2013
13.	<b>High precision low-cost INS/GPS integrated navigation systems, based on intelligent data fusion algorithms.</b> Program PN II – Human Resources (2015-2017) – Young Teams.	<i>Member of the research team</i>	2015-2017
14.	<b>Demonstrator for direct Coanda effect amplification.</b> Program PN III – 2017-2018. Experimental – demonstrative project.	<i>Member of the research team</i>	2017-2018

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Associate Professor,  
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### Annex 3. List of most representative 10 papers

1. **Lungu, M.**, Lungu, R. *Full-Order Observer Design for Linear Systems with Unknown Inputs*. International Journal of Control (**ISI Journal**), vol. 85, no. 10, 2012, pp. 1602-1615, DOI: 10.1080/00207179.2012.695397 (20 citations). *Journal relative impact factor: 0.977, Journal Influence Relative Score: 1.00. Databases: ISI Web of Science.*
2. **Lungu, M.**, Lungu, R. *Reduced Order Observer for Linear Time-Invariant Multivariable Systems with Unknown Inputs*. Circuits, Systems, and Signal Processing (**ISI Journal**), Springer, vol. 32, no. 6, 2013, pp. 2883-2898, DOI: 10.1007/s00034-013-9618-z (9 citations). *Journal relative impact factor: 0.817, Journal Influence Relative Score: 0.64439. Databases: ISI Web of Science.*
3. **Lungu, M.**, Lungu, R. *Design of Full-order Observers for Systems with Unknown Inputs by using the Eigenstructure Assignment*. Asian Journal of Control (**ISI Journal**), vol. 16, no. 5, 2014, pp. 1470-1481, DOI: 10.1002/asjc.889 (3 citations). *Journal relative impact factor: 1.411, Influence relative score: 0.433. Databases: ISI Web of Science.*
4. Lungu, R., **Lungu, M.**, Grigorie, T.L. *Automatic Control of Aircraft in Longitudinal Plane During Landing*. IEEE Transactions on Aerospace & Electronic Systems (**ISI Journal**), vol. 49, no. 2, 2013, pp. 1338-1350, DOI: 10.1109/TAES.2013.6494418 (9 citations). *Journal relative impact factor: 1.095, Journal Influence Relative Score: 2.212. Databases: ISI Web of Science.*
5. **Lungu, M.**, Lungu, R. *Automatic Control of Aircraft Lateral-directional Motion during Landing using Neural Networks and Radio-technical Subsystems*. Neurocomputing Journal (**ISI Journal**), vol. 171, pp. 471-481, 2016 (1 citation). *Journal relative impact factor: 2.083, Influence relative score: 0.866. Databases: ISI Web of Science.*
6. Lungu, R., **Lungu, M.** *Application of  $H_2/H_\infty$  and Dynamic Inversion Techniques to Aircraft Landing Control*. Aerospace Science and Technology (**ISI Journal**), vol. 46, pp. 146-158, 2015 (4 citations). *Journal relative impact factor: 0.94, Influence relative score: 2.093. Databases: ISI Web of Science.*
7. **Lungu, M.**, Lungu, R. *Landing Auto-pilots for Aircraft Motion in Longitudinal Plane using Adaptive Control Laws Based on Neural Networks and Dynamic Inversion*. Asian Journal of Control (**ISI Journal**), vol. 19, no. 1, pp. 1-15, 2017. *Journal relative impact factor: 1.407, Influence relative score: 0.433. In the indexing process in database: ISI Web of Science.*
8. **Lungu, M.**, Lungu, R. *Adaptive Backstepping Flight Control for a Mini-UAV*. International Journal of Adaptive Control and Signal Processing (**ISI Journal**), vol. 27, pp. 635-650, 2013, DOI: 10.1002/acs.2330 (12 citations). *Journal relative impact factor: 0.913, Journal Influence Relative Score: 1.081. Databases: ISI Web of Science.*
9. **Lungu, M.**, Lungu, R. *Reconfigurable Controller for Active Fault-Tolerant Control Systems with Applicability to Flight Control*. Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science (**ISI Journal**), vol. 15, no. 2, pp. 191-199, 2014. *Journal relative impact factor: 0.537, Influence relative score: 0.104. Databases: ISI Web of Science.*
10. Lungu, R., **Lungu, M.** *Adaptive Flight Control Law Based on Neural Networks and Dynamic Inversion for Micro Aerial Vehicles*. Neurocomputing Journal, vol. 199, pp. 40-49, 2016 (2 citations). *Journal relative impact factor: 2.083, Influence relative score: 0.866. Databases: ISI Web of Science.*

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