

LISTA DE LUCRĂRI
a cadrului didactic SAVULESCU CORINA

A. Teza de doctorat

Contribuții privind identificarea funcțională a sistemelor cu utilizarea algoritmilor genetici, 150 pag, Calculatoare, tehnologia informației, 2005

B. Cărți și capitole în cărți publicate în perioada 2008 - 2022

B1. Cărți și capitole în cărți de specialitate internaționale ca autor (cu ISBN extern)

1. Robert Beloiu, Mariana Iorgulescu, Savulescu Corina, *Autonomous Hybrid Vehicles. Intelligent Transport Systems and Automotive Technologie*, Ed Nova Publishers New York, Inc, ISBN 978-1-63321-326-5 (eBook), 2014, (TC_5_2014_DECIE)

B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)

1. Robert Beloiu, Mariana Iorgulescu, Savulescu Corina, *Autonomous Hybrid Vehicles. Intelligent Transport Systems and Automotive Technologie*, Editors: Nicu Bizon, Lucian Dascalescu and Naser Mahdavi Tabatabaei (Faculty of Electronics, Communication and Computers, University of Pitesti, Romania)Chapter 13. Dynamic Response of Electric Machines for Electric Vehicles/Hybrid Electric Vehicles (EV/HEV)(Robert Beloiu, Mariana Iorgulescu and Corina Savulescu, University of Pitesti, Romania); Ed. Upit, 2013. 978-606-560-327-1, Ed. Upit 2013/15, 2013, (TC_5_2013_DECIE)

B5. Manuale didactice, suport de curs

1. Savulescu Corina, *Teoria sistemelor - Note de curs*, , 2022
2. Corina Savulescu, *Teoria probabilitatilor si statistica matematica – Teorie si aplicatii*, , 2022

B6. Îndrumare de laborator, culegere de probleme

1. Savulescu Corina, *Teoria sistemelor - Aplicatii*, , 2022

C. Lucrări (articole) ISI / BDI publicate în perioada 2008 - 2022

C2. Articole în volume indexate ISI Proceedings

1. Romeo Badea, Corina Savulescu, *Approximation of current-voltage curve from experimental data*, Book Group Author(s): IEEEConference: 11th International Conference on Applied and Theoretical Electricity (ICATE) Location: Craiova, ROMANIA Date: OCT 25-27, 2012Sponsor(s): Romanian Minist Educ, Res, Youth & Sport Natl Author Res; Univ Craiova, Fac Elect Engn; Inst Elect & Elect Engineers; IEEE Romania Sect; IEEE Romania Sect CS Chapter; IEEE Romania Sect EMB Chapter; IEEE Romania Sect EMC Chapter; IEEE Romania Sect PE Chapter; Oltenia Energy Complex2012 INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE) Published: 2012, 2012, (TC_5_2012_DECIE, TC_5_2012_DECIE)

2. Mariana Iorgulescu, Savulescu Corina, *Aspects of learning techniques in power system*, Book Group Author(s): IEEEConference: International Conference on Electronics, Computers and Artificial Intelligence(ECAI) Location: Univ Pitesti, Pitesti, ROMANIA Date: JUN 27-29, 2013Sponsor(s): IEEE Region 8; IEEE Ind Applicat Soc; IEEE Romania Sect; Univ Pitesti, Fac Elect Comunicatii Calculatoare2013 INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI) Published: 2013, 2013, (TC_12_2013_DECIE, TC_12_2013_DECIE)

3. Savulescu Corina, *System of Components from a Production Line Using Neuronal Networks*, Book Group Author(s): IEEEConference: 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE) Location: Bucharest, ROMANIA Date: MAY 23-25, 20132013 8TH

INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Published: 2013, 2013, (TC_6_2013_DECIE, TC_6_2013_DECIE)

4. Corina SAVULESCU, Mariana IORGULESCU, *The implementation of Hamming decoder on Spartan 3*, ECAI 2014, Vol.6, No.5/2014, ISSN- 1843 – 2115 , pg. 41-44, IEEEExplore, 2014, (TC_5_2014_DECIE, TC_5_2014_DECIE)

5. Corina Savulescu, Zdzislaw Polkowski, Albu Iulian Alexandru, *The Online and Computer Aided Assessment*, Data publicării2015/6/25ConferințăElectronics, Computers and Artificial Intelligence (ECAI), 2015 7th International Conference onPaginiWE-25-WE-30EditorIEEE, 2015, (TC_6_2015_DECIE, TC_6_2015_DECIE)

6. Corina Savulescu, Zdzislaw Polkowski, Deaconescu Ionut Cosmin, Blidaru Cătălina Elena, *Security in e-learning systems*, Data publicării2015/6/25ConferințăElectronics, Computers and Artificial Intelligence (ECAI), 2015 7th International Conference onPaginiWE-19-WE-24EditorIEEEregion>), 2015, (TC_8_2015_DECIE, TC_8_2015_DECIE)

7. Nitul Dutta, Zdzislaw Polkowski, Corina Savulescu, *An Approach to Signaling Cost Reduction in Proxy MIPv6 for Mobility Management*, The fifth edition of International Conference on Advances in Computing, Communications and Informatics ICACCI-2016 , Jaipur, India, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

8. Nitul Dutta, Zdzislaw Polkowski, Corina Savulescu, *Grid based Routing in Cognitive Radio Networks for Concurrent Communication*, 2016 Ninth International Conference on Contemporary Computing (IC3) 11-13 August, 2016, Noida, India , 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

9. Corina Savulescu, Zdzislaw Polkowski, Nitul Dutta, *Data Management for Business - A review of collaborative techniques*, ECAI 2016, Vol.7, No.3/2016, ISSN- 1843 – 2115, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

10. Zdzislaw Polkowski, Corina Savulescu, Nitul Dutta, *Mobile Solutions in Small and Medium Enterprises*, ECAI 2016, Vol.7, No.3/2016, ISSN- 1843 – 2115, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

11. Savulescu, Corina; Polkowski, Zdzislaw, *An approach for systems identification using artificial intelligence*, Conference: 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Location:Targoviste, ROMANIA Date: JUN 29-JUL 01, 2017 Sponsor(s): IEEE Romania Sect; IEEE Ind Applicat Soc; Univ PitestiPROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE - ECAI 2017 Book Series: International Conference on Electronics Computers and Artificial Intelligence Published: 2017, 2017, (TC_11_2017_DECIE)

12. Corina Savulescu, *A Computer Tool for Statistical Analysis*, ECAI 2018 - International Conference – 10th EditionElectronics, Computers and Artificial Intelligence28 June -30 June, 2018, Iasi, ROMÂNIA, 2018, (TC_10_2018_DECIE)

13. Savulescu Corina, *Software application for automatic correction of tests with multi choice answer*, Proceedings of ICVL 2019 - Articles and AuthorsICVL 2019 - Authors, Proceedings of the 14th International Conference On Virtual Learning: <http://www.c3.icvl.eu/2019/authors2019>OCTOBER 25-26, 2019, University of Bucharest, Faculty of Matematics and Computers ScienceISSN: 1844-8933 - ISI Proceedings, accessed via Web of Science, since year 2006

WOS:000506084800067

ISSN:1844-8933

, 2019, (TC_12_2019_DECIE)

C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. C. Panait, C. Savulescu, M. Jurian, *Drinking water quality monitoring system*, Proceedings of the International Conference on ECAI ,09, pp.62-68,, vol. 5, ISBN 1843-2115, Pitesti 2009, 2009

2. M. Jurian, C.Savulescu, C. Panait, *Water transmission parameters i the network of the town of Stefanesti Arges*, Proceedings of the International Conference on ECAI ,09, pp.144-148, Vol. 4, ISBN 1843-2115, Pitesti 2009, 2009

3. Corina SAVULESCU, Romeo BADEA, *Monitoring system with WEB cam, with date storage in an encrypted space*, International Symposium of Electrical Engineering, ISEE 2011, Index CopernicusGoogle Scholar/Academic

<http://journals.indexcopernicus.com/passport.php?id=3797><http://www.buletinfie.ro/ro/index.html> nr 2 / 2011, 2012

4. Corina Savulescu, Dumitru Brebeanu, *A Software Application for the Statistical Control Used in Quality Engineering*, <http://jeeccs.net/index.php/journal/article/viewFile/28/17>, 2016

5. ZDZISŁAW PÓLKOWSKI, NITUL DUTTA, CORINA SAVULESCU, *A HYBRID BUSINESS MODEL FRAMEWORK FOR IOT*, Studia i Materiały Polskiego Stowarzyszenia Zarządzania Wiedza/Studies & Proceedings Polish Association for Knowledge Management, 2017, (TC_12_2017_DECIE)

6. Mihai Oproescu; Gabriela Plaiasu; Gabriel-Vasile Iana; Ionut Bulgaru; Corina Savulescu, *Theory or practice - new trends in Engineering Career*, Published in: 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Date of Conference: 30 June 2022 - 01 July 2022 Date Added to IEEE Xplore: 15 August 2022 ISBN Information: INSPEC Accession Number: 21990249 DOI: 10.1109/ECAI54874.2022.9847478 Publisher: IEEE Conference Location: Ploiesti, Romania, 2022, (TC_8_2022_DECIE)

F. Granturi / proiecte de cercetare în perioada 2008 - 2022

F1. Granturi / proiecte câștigate prin competiție internațională

1. *DISCOVER A NEW WORKING FIELD*, Beloiu Robert, Savulescu Corina, Iorgulescu Mariana, LLPLdV/PAR/2012/RO/125 <http://www.leonardo-discover.eu/>, 2013, 0.00

2. *ERASMUS + IESRES INNOVATIVE EUROPEAN STUDIES on RENEWABLE ENERGY SYSTEMS*, Beloiu Robert, Savulescu Corina, Iorgulescu Mariana, Bostan Ionel, Birleanu Florin, 17th – 22st October 2016, PERUGIA, ITALY, 2016, 0.00

F2. Granturi / proiecte câștigate prin competiție națională

1. Ilie Popa, Ioan Lita, Adrian Zafiu, Constantin Ghita, Petre Angelescu, Valeriu Ionescu, Corina Savulescu, „Sistem de criptare cu algoritmi paraleli de calcul” – *CRIPTALL*, Nr. 82- 107/01.10.2008 Contract nr. 82-107/01.10.2008 încheiat cu Ministerul Educației, Cercetării și Inovării, Centrul National de Management Programe, PROGRAMUL 4: “Parteneriate in domeniile prioritare”, Coordonator Universitatea Politehnică București Partener P4 Universitatea din Pitești Suma de la buget: 89.000 RON, 2008-2011, 2008

Data: 21.09.2022

Cadrul didactic SAVULESCU CORINA

Semnătura