



Curriculum Vitae Europass

Informații personale

NICULAE Dragos

Nume / Prenume	(birou) Spl. Independentei, nr.313, FIE, sala EB 235, sect.6, Bucuresti (România)	
Adresa(e)	0214029221	Mobil
Telefon(oane)	dragos.niculae@upb.ro	
E-mail(uri)	romana	
Naționalitate(-tăți)		
Data nașterii	Bărbătesc	
Sex		

Experiența profesională

Perioada	Oct 2007 → prezent
Funcția sau postul ocupat	Asistent universitar, Sef de Lucrari, Conferentiar
Activități și responsabilități principale	Activitati didactice: conducere cursuri, seminarii si laboratoare la disciplinele Bazele Electrotehnicii, Teoria Circuitelor Electrice, Informatica aplicata, Electrotehnica, activitati de cercetare stiintifica si conducere proiecte de diploma.
Numele și adresa angajatorului	Universitatea Națională de Știință și Tehnologie POLITEHNICA Bucuresti, Facultatea de Inginerie Electrica Spl. Independentei, nr.313, Bucuresti (Romania)
Tipul activității sau sectorul de activitate	Invatamant superior si cercetare stiintifica
Perioada	Oct 2006 - Oct 2007
Funcția sau postul ocupat	Asistent cercetare
Activități și responsabilități principale	Elaborare programe de calcul numeric al campului electromagnetic.
Numele și adresa angajatorului	Unversitatea POLITEHNICA Bucuresti, Centrul de Inginerie Electrica Asistata de Calculator spl. Independentei, nr. 313, Bucuresti (Romania)
Tipul activității sau sectorul de activitate	Cercetare stiintifica
Perioada	Sept 2002 - Sept 2005
Funcția sau postul ocupat	Inginer proiectant

Activități și responsabilități principale Proiectare lucrari de energo-alimentare, posturi de transformare, comanda separatoarelor, protectia instalatiilor din cale si vecinatate.

Numele și adresa angajatorului Institutul de Studii și Proiectari Cai Ferate SA
Bd. Dinicu Golescu, Bucuresti (Romania)

Tipul activității sau sectorul de activitate Proiectare

Perioada mai 2016 → mai 2024

Funcția sau postul ocupat Decan

Activități și responsabilități principale Management, studii universitare

Numele și adresa angajatorului Universitatea Națională de Știință și Tehnologie POLITEHNICA Bucuresti, Facultatea de Inginerie Electrica, Spl. Independentei, nr.313, Bucuresti (Romania)

Tipul activității sau sectorul de activitate Conducere

Perioada Apr 2012 → mai 2016

Funcția sau postul ocupat Prodecan

Activități și responsabilități principale Studii universitare de licență. Coordonare programe educaționale. Resurse umane.

Numele și adresa angajatorului Universitatea POLITEHNICA Bucuresti, Facultatea de Inginerie Electrica
Spl. Independentei, nr.313, Bucuresti (Romania)

Tipul activității sau sectorul de activitate Conducere

Educație și formare

Perioada 2002 - 2006

Calificarea/diploma obținută Diploma de Doctor in domeniul Inginerie Electrica

Disciplinele principale studiate/competențele profesionale dobândite Diagnosticarea circuitelor electrice, analiza topologica a circuitelor electrice, simularea si modelarea numerica a circuitelor electrice.

Numele și tipul instituției de învățământ/furnizorului de formare Universitatea POLITEHNICA Bucuresti, Facultatea de Inginerie Electrica

Perioada 1997 - 2002

Calificarea/diploma obținută Diploma de Inginer Diplomat in Electrotehnica

Disciplinele principale studiate/competențele profesionale dobândite Algebra si analiza matematica, Bazele Electrotehnicii, Teoria Campului Electromagnetic, Teoria Circuitelor Electrice, Metode Numerice, Teoria Sistemelor, Limbaje de programare, Desen tehnic, etc. (media anilor de studiu 9,72 - sef de promotie al facultatii)

Numele și tipul instituției de învățământ/furnizorului de formare Universitatea POLITEHNICA Bucuresti, Facultatea de Electrotehnica (Romania)

Aptitudini și competențe personale

Limba maternă **Romana**

Limbi străine cunoscute

Autoevaluare
Nivel european (*)

Engleza

Franceza

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral			
B2	Utilizator independent	B2	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B2	Utilizator independent
B2	Utilizator independent	B2	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B2	Utilizator independent

(*) [Cadrului european comun de referință pentru limbi](#)

Competențe și abilități sociale	Abilitati de a lucra in echipa, de socializare, de reprezentare, de comunicare.
Competențe și aptitudini organizatorice	Aptitudini de conducator si organizator (conducere diverse proiecte de diploma, conducere si indrumare studenti in cadrul sesiunilor de comunicari stiintifice, coordonare proiecte de cercetare nationale, membru in echipe de cercetare in proiecte nationale si internationale).
Competențe și aptitudini tehnice	Proiectare si analiza CAD a dispozitivelor electromagnetice si a circuitelor electrice. Lucrari de bricolaj.
Competențe și aptitudini de utilizare a calculatorului	Limbaje de programare C/C++, Visual Basic, aplicatii MSOffice, HTML, MySQL, grafica AutoCAD, Photoshop, utilizare programe de specialitate Matlab, Simulink, PSpice, Maple.
Alte competențe și aptitudini	Referent stiintific la Revue Roumaine des Sciences Techniques, Buletinul UPB, Analele Universitatii Craiova si diverse conferinte internationale (ATEE, ICATE, MPS etc). Membru IEEE Conducere si membru in echipele de cercetare la mai multe proiecte nationale si internationale de cercetare in domeniul inginerie electrica (PN III P2 112/01.11.2016 Nr.81BG/2016 - director de proiect, CNCISIS contract nr 40528/05.11.2003 - membru echipa cercetare, CEEEX modul I, contract nr. 258/11.09.2006 - membru echipa cercetare, FP6 IST/027368 - membru echipa cercetare). Autor si coautor a peste 90 de articole stiintifice in reviste si proceeding-uri ale conferintelor nationale si internationale si cu peste 500 de citari ale acestora. Absolvire curs postuniversitar "Auditori interni" UPB - 2012 Absolvire curs postuniversitar "Manager de proiect" - certificat Ministerul Muncii si Justitiei sociale - 2021 Absolvire curs postuniversitar "Dezvoltare personala pentru educatie incluzivala nivelul comunitatilor academice" - certificat Academia Română - 2023. Absolvire curs postuniversitar "Utilizarea instrumentelor digitale in abordarea pedagogica inovativa a instruirii" - certificat UNSTPB - 2023. 2025 - conducator de doctorat - domeniul inginerie electrica
Permis de conducere	B
Informații suplimentare	<ul style="list-style-type: none"> - 2002 bursa de 4 luni pentru pregatirea proiectului de diploma, in Franta, la LEEI, ENSEEIHT, Toulouse. - Certificat mobilitate Erasmus - 2019 IUT d Angouleme. - Certificat de competență lingvistică - UPB 2021. - 2012- 2018 membru în Consiliul Departamentului de Electrotehnică - 2012-prezent membru în Consiliul Facultății de Inginerie Electrică, membru în Biroul executiv al Facultății de Inginerie Electrică. - 2016-2024 membru în Consiliul de Administratie al UNSTPB.

Data
15.01.2025

Semnatura
Niculae Dragoș

Lista lucrari
Dragos NICULAE
01 octombrie 2025

TEZA DE DOCTORAT

A1. Dragoș NICULAE, "Contribuții la diagnosticarea circuitelor electrice", teza de doctorat, U.P.B. București, **2006**.

CARTI

- Carti internationale cu ISBN/ capitole ca autor, didactice sau monografii

C1. Mihai Iordache, Lucia Dumitriu, **Dragoș NICULAE**, Georgiana Zainea - Capitolul "Power Transfer by Magnetic Induction", în cartea "Wireless Power Transfer", River Publishers , Aalborg Denmark, 2012, pp. 1 – 35, ISBN 978-87-92329-23-3, **WOS: 000354719400002**.

C2. Mihai Iordache, Lucia Dumitriu, **Dragoș NICULAE**, - Capitolul "Power Transfer by Magnetic Induction Using Coupled-Mode Theory", în cartea "Wireless Power Transfer 2nd edition", River Publishers volume 45, Aalborg Denmark, **2016**, pp. 1 – 71, ISBN 978-87-93237-62-9, **WOS: 000382474900002**.

C3. Mihai Iordache, Lucia Dumitriu, **Dragoș NICULAE**, Marilena Stanculescu, Victor Bucata, Georgiana Razmerita – Capitolul "Circuit Analysis with nullors", in cartea "Pathological Elements in Analog Circuit Design", Springer U.S., 2018, pg. 91-147, ISBN 978-3-319-75157-3; 978-3-319-75156-6, ISSN 1876-1100, **WOS:000441385600014**.

C4. Lavinia Bobaru, Mihai Iordache, Marilena Stanculescu, **Dragoș NICULAE**, Sorin Deleanu, Horia Andrei – Capitolul "Optimization Methods for Wireless Power Transfer" si Capitolul "Optimal Integration of Electric Vehicles in Smart Grid Energy Flow", in cartea "Numerical Methods for Energy Applications", Springer Power Systems, 2021, pg. 513-545, 579-621, ISSN: 1612-1287.

- Carti nationale cu ISBN/ capitole ca autor, didactice sau monografii

I1. Dragoș NICULAE, Catalina POPESCU, Andrei ILIE, D. DONCESCU, Olivian STANICA – „Teoria circuitelor electrice. Culegere de probleme”. Editura MATRIX ROM, Bucuresti, **2007**, pg.210, ISBN 978-973-755-201-3.

C5. Mihai IORDACHE, Lucian MANDACHE, **Dragos NICULAE** – „Analiza asistata de calculator a senzitivitatilor si tolerantelor circuitelor analogice”. Editura MATRIX ROM, Bucuresti, **2010**, pg.380, ISBN 978-973-755-583-0.

C6. Aureliu PANAITESCU, **Dragos NICULAE** – „Bazele Electrotehnicii”. Editura MATRIX ROM, Bucuresti, **2014**, pg. 420, ISBN 978-606-25-0071-9.

I2. Dragos NICULAE, Lavinia BOBARU, Marilena STANCULESCU, Victor BUCATA, Mihai IORDACHE, Steliana PUSCASU – „Indrumar de seminar. Teoria circuitelor electrice. Curent continuu, curent alternativ”. Editura PRINTECH, Bucuresti, **2020**, pg. 110, ISBN 978-606-23-1066-0.

C7. Mihai IORDACHE, Marilena STANCULESCU, Lavinia BOBARU, **Dragos NICULAE**, Sorin DELEANU, Victor BUCATA – „Sisteme de transfer wireless al energiei electromagnetice”. Editura MATRIX ROM, Bucuresti, **2021**, pg. 140, ISBN 978-606-25-0623-0.

C8. Marilena STANCULESCU, Razvan ASANACHE, Lavinia BOBARU, Sorin DELEANU, **Dragos NICULAE**, Georgiana REZMERITA, Mihai IORDACHE – „Analiza circuitelor analogice utilizand parametrii S si diagrama Smith”. Editura MATRIX ROM, Bucuresti, **2022**, pg. 274, ISBN 978-606-25-0771-8.

C9. Mihai IORDACHE, **Dragos NICULAE**, Marilena STANCULESCU, Lavinia BOBARU, Georgiana REZMERITA, – „Utilizarea parametrilor patologici în analiza circuitelor analogice”. Editura MATRIX ROM, Bucuresti, **2024**, pg. 250, ISBN 978-606-25-0862-3.

ARTICOLE

Lucrari publicate în reviste ISI

Ris1. Mihai Iordache, Lucia Dumitriu, **Dragoş NICULAE** - “A new generalised hybrid method for nonlinear analog circuit analysis”, Rev. Roum. Sci. Techn.- Électrotechn. et Énerg., Tome 53, No. 4, Bucharest , **2008**, pp. 393-401, ISSN 0035-4066, **WOS:000262136600004**.

Ris2. Dragoş NICULAE - “Fault diagnosis in analog circuits based on parametric deviation of components computation” – UPB, Sci.Bul. Vol. 70, Issue 2, Bucharest, **2008**, pp. 83-90, ISSN 2286-3540, eISSN 2286-3559, **WOS:000421602400008**.

Ris3. N. Voicu, Lucia Dumitriu, M. Iordache, **Dragoş NICULAE** - “Modeling of the Induction Motor Ventilation by Electric Circuits”, U.P.B. Sci. Bull. Series C, Vol. 71, Issue 4, Bucharest, **2009**, pp. 175-182, ISSN 2286-3540, eISSN 2286-3559, **WOS:000421636000015**.

Ris4. Marilena Stanculescu, Mihai Iordache, **Dragoş NICULAE**, Lavinia Bobaru, Victor Bucata - “Algorithm for computing S parameters and their use for studying efficiency of electromagnetic energy wireless transfer systems”, Rev. Roum. Sci. Techn.- Électrotechn. et Énerg., Tome 63, No. 2, Bucharest , **2018**, pp. 138-144, ISSN 0035-4066, **WOS: 000438662400005**.

Ris5. Dragoş NICULAE, Marilena Stanculescu, Sorin Deleanu, Mihai Iordache, Lavinia Bobaru - “Wireless Power Transfer Systems Optimization Using Multiple Magnetic Couplings”, ELECTRONICS, Volume:10, Issue:20, 2.69 Impact Factor, oct.**2021**, pp. 1-12, eISSN 2079-9292, **WOS: 000715322800001**.

Ris6. Ovidiu Laudatu, **Dragoş NICULAE**, Mihai Iordache, Lavinia Bobaru, Marilena Stanculescu - “Experimental analysis of power semiconductor elements used in flyback converters”, Rev. Roum. Sci. Techn.- Électrotechn. et Énerg., Volume 69, Issue 1, Bucharest, **2024**, pp. 67-72, ISSN 0035-4066, **WOS: 001198252400013**.

Ris7. Mihaela Grib, Ioana Gabriela Sirbu, Lucian Mandache, Marilena Stanculescu, Mihai Iordache, Lavinia Bobaru, **Dragoş NICULAE** - “Generation Algorithms for Thévenin and Norton Equivalent Circuits”, Energies, Vol. 18, Issue 6, **2025**, pp. 67-72, ISSN 2079-9292, **WOS: 001453861100001**.

Ris8. Georgescu A.F., **Dragoș NICULAE**, Mihai Iordache, Marilena Stanculescu, Ana Maria Bumbeneci, Lavinia Bobaru, Georgiana Zainea, Mihai Rotaru - “Automatic Procedure and the Use of the Smith Chart in Impedance Matching in Analog Circuits”, Electronics, Vol. 14, Issue 14, DOI10.3390/electronics14142746, **2025**, pp. 1-17, eISSN 1996-1073, **WOS: 001539842500001**.

Ris9. Grib M., Iordache M., **Dragoș NICULAE**, Stanculescu M., Bobaru L., Grib A. - “USING THE SMITH DIAGRAM IN THE ANALYSIS OF HIGH-FREQUENCY ANALOG CIRCUITS”, Rev. Roum. Sci. Techn.-Électrotechn. et Énerg., Volume 70, Issue 3, DOI : 10.59277/RRST-EE.2025.70.3.13, Bucharest, **2025**, pp. 361-366, ISSN 0035-4066, **WOS: 0015977105100006**.

Lucrari publicate în proceedings ISI

Vis1. G. Ciuprina, D. Ioan, **Dragoș NICULAE**, JF. Villena, LM. Silveira – “Parametric Models Based on Sensitivity Analysis for Passive Components” – International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, Prague, **2007**, pp. 231-239, ISBN: 978-3-540-78489-0, ISSN 1860-949X, eISSN 1860-9503, **WOS: 000261540000028**.

Vis2. A. Marascu, L. Dumitriu, M. Iordache, **Dragoș NICULAE** – “Tolerance analysis for Chebysev filters” , 4th European Conference on Circuits and Systems for Communications (ECCSC **2008**), Bucharest, ROMANIA, pp.133-137, Proceedings Paper, **WOS:000259024700019**, ISBN:978-1-4244-2419-1.

Vis3. M. Iordache, Ileana Calomfirescu, **Dragoș NICULAE**, M. Dogaru - „Simulation of Induction Motor Using State Variables”, Proceeding of the 7th International Symposium Advanced Topics in Electrical Engineering – ATEE’11, 12-14 May **2011** – Bucharest, ROMANIA, Editura Politehnica Press, pp. 59 - 64, **WOS:000310701200035**, ISBN:978-1-4577-0507-6, ISSN: 1843-8571.

Vis4. **Dragoș NICULAE**, M. Iordache, Lucia Dumitriu, „Magnetic Coupling Analysis in Wireless Transfer Energy”, Proceeding of the 7th International Symposium Advanced Topics in Electrical Engineering – ATEE’11, 12-14 May **2011** – Bucharest, ROMANIA, Editura Politehnica Press, pp. 405 - 408, **WOS:000310701200004**, ISBN:978-1-4577-0507-6, ISSN: 1843-8571.

Vis5. Lucia Dumitriu, **Dragoș NICULAE**, M. Iordache, L. Mandache, Georgiana Zainea, „On wireless power transfer”, 11-th International Conference on Applied and Theoretical Electricity ICATE **2012**, Craiova 25-27 october, 2012, **WOS:000332581900005**, ISBN:978-1-4673-1810-5.

Vis6. M. Iordache, Lucia Dumitriu, L. Mandache, **Dragoș NICULAE** „On analog circuit parameter estimation”, 11-th International Conference on Applied and Theoretical Electricity ICATE 2012, Craiova 25-27 october, **2012**, **WOS:000332581900001**, ISBN:978-1-4673-1810-5.

Vis7. M. Iordache, **Dragoș NICULAE**, Lucia Dumitriu „Performance optimization in wireless transfer of electromagnetic energy”, Proceeding of the 8th International Symposium Advanced Topics in Electrical Engineering – ATEE’13, 23-25 May **2013** – Bucharest, Romania, **WOS:000332928500031**, ISBN:978-1-4673-5980-1; 978-1-4673-5979-5.

Vis8. M. Iordache, L. Dumitriu, L. Mandache, **Dragoș NICULAE** “Parameter Estimation and Performance Optimization of Voltage Controlled Oscillators”, International Symposium on Signals, Circuits and Systems (ISSCS **2013**), Iasi, Romania, **WOS:000337926700050**, ISBN:978-1-4673-6141-5.

Vis9. L. Mandache, M. Iordache, Lucia Dumitriu, I.G. Sirbu, **Dragoș NICULAE** „Sensitivity analysis of analog circuits based on a modified nodal approach”, International Conference on Optimiyation of Electrical and

Electronic Equipment – OPTIM 2014, Brasov 22-24 may **2014**, pp.83-88, DOI 10.1109/OPTIM.2014.6850899, **WOS:000343551300013**, ISBN:978-1-4799-5183-3.

Vis10. M. Iordache, L. Dumitriu, R. Voiculescu, **Dragoş NICULAE**, N. Galan, S. Deleanu, D. Carpenter “Saturated Induction Machine Steady-State Performance Assessment Through Simulations”, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) **2014**, Brasov, Romania, pp. 368-374, **WOS:000343551300053**, ISBN:978-1-4799-5183-3.

Vis11. M. Iordache, L. Dumitriu, **Dragoş NICULAE**, L. Mandache, J.M. Paillot, D. Cordeau “Analysis of Coupled Oscillators through a Two-Port Passive Network” International Conference on Applied and Theoretical Electricity ICATE 2014, Craiova 23-25 october, **2014**, ISBN 978-1-4799-4161-2, **WOS:000352737400002**.

Vis12. M.Iordache, **Dragoş NICULAE**, L. Iordache, L. Mandache „Circuit Analysis of Frequency Splitting Phenomena in Wireless Power Transfer Systems” International Symposium Advanced Topics in Electrical Engineering – ATEE’15, Bucharest 2015, pp. 146-151, ISBN 978-1-4799-7514-3, **WOS:000368159800026**.

Vis13. M.Iordache, L. Mandache, **Dragoş NICULAE**, L. Iordache „On exact circuit analysis of frequency splitting and bifurcation phenomena in wireless power transfer systems” International Symposium on Signals, Circuits and Systems – ISSCS 2015, Iasi, iulie 09-10 **2015**, ISBN 978-1-4673-7488-0, **WOS:000380451600009**.

Vis14. L. Iordache, M. Stanculescu, **Dragoş NICULAE**, V. Bucata „Parameter Identification of Magnetic Coupled Resonators in Power Wireless Transfer Systems” 2016 INTERNATIONAL SYMPOSIUM ON FUNDAMENTALS OF ELECTRICAL ENGINEERING (ISFEE), pp. 1-7, JUN 30-JUL 02, **2016**, Romania, ISBN:978-1-4673-9575-5, **WOS:000392434400023**.

Vis15. M. Iordache, I.G. Sarbu, L. Mandache, A. Marinescu, **Dragoş NICULAE**, L. Iordache „Comparative study of the frequency splitting and bifurcation phenomena for equivalent circuits of the wireless power transfer system” International Conference on applied and theoretical electricity ICATE **2016**, Craiova, **WOS:000390767500100**, ISBN:978-1-4673-8562-6.

Vis16. M. Iordache, G. Andronesu, V. Bucata, **Dragoş NICULAE**, M. Stanculescu, L. Iordache „Analysis and design of wireless electromagnetic energy transfers systems” International Conference on applied and theoretical electricity ICATE **2016**, Craiova, **WOS:000390767500101**, ISBN:978-1-4673-8562-6.

Vis17. **Dragoş NICULAE**, M. Iordache, M. Stanculescu, L. Iordache „The influence of the alignment between receiver and transmitter coils on efficiency of wireless transfer energy” International Conference on applied and theoretical electricity ICATE **2016**, Craiova, **WOS:000390767500102**, ISBN:978-1-4673-8562-6.

Vis18. T. Tanase, M. Teme, S. Oncescu, M. Iordache, **Dragoş NICULAE**, L. Iordache, V. Bucata „Some aspects regarding optimization of wireless power transfer transmission” International Conference on applied and theoretical electricity ICATE **2016**, Craiova, **WOS:000390767500103**, ISBN:978-1-4673-8562-6.

Vis19. M. Stanculescu, L. Iordache, M. Iordache, **Dragoş NICULAE**, V. Bucată „Using S Parameters in Wireless Power Transfer Analysis” 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE **2017**), Bucharest, Romania, pg. 107-112, **WOS:000403399400022**, ISBN:978-1-5090-5160-1, ISSN: 1843-8571.

Vis20. M. Stanculescu, L. Iordache, M. Iordache, **Dragoş NICULAE**, V. Bucată „The Use of (S) under-bar Parameters in Wireless Power Transfer System Stability” **2017** INTERNATIONAL SYMPOSIUM ON SIGNALS, CIRCUITS AND SYSTEMS (ISSCS 2017), Iasi, Romania, **WOS:000425211500019**, ISBN:978-1-5386-0674-2.

Vis21. M. Stanculescu, L. Iordache, M. Iordache, **Dragoş NICULAE**, V. Bucată „Analysis of Wireless Power Transfer Systems Using (S) under-bar Parameters to Generate the Power Gains” 2017 INTERNATIONAL

CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM 2017), Brasov, Romania, **WOS:000426909600010**, ISBN:978-1-5090-4489-4.

Vis22. M. Iordache, **Dragoș NICULAE**, L. Ene, C. Sandu, L. Bobaru, C. Bibirica „On the Procedures for Optimal Wireless Energy Transfer Systems” 2017 ELECTRICAL VEHICLES INTERNATIONAL CONFERENCE (EV 2017), Bucharest, Romania, **WOS:000427815000032**, **ISBN: 978-1-5386-2382-4**.

Vis23. G. Rezmerita, L. Bobaru, M. Stanculescu, M. Iordache, **Dragoș NICULAE** „A Self and Mutual Inductance Calculation Resonator with Finite Element Analysis” 2017 7TH INTERNATIONAL CONFERENCE ON MODERN POWER SYSTEMS (MPS 2017), Cluj Napoca, Romania, **WOS:000424862600050**, ISBN: 978-1-5090-6565-3.

Vis24. M. Iordache, M. Stanculescu, **Dragoș NICULAE**, L. Iordache, R. Asanache „Switched Networks Analysis with Inconsistent Initial Conditions” 2017 7TH INTERNATIONAL CONFERENCE ON MODERN POWER SYSTEMS (MPS 2017), Cluj Napoca, Romania, **WOS:000424862600035**, ISBN: 978-1-5090-6565-3.

Vis25. S. Deleanu, M. Iordache, **Dragoș NICULAE**, M. Stanculescu, M. Dogaru, N. Galan „Dynamic operation of high power synchronous generator in asynchronous regime or encountering three-phase shortcircuit” INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE 2018), pp. 1-6, Craiova, Romania, **WOS:000487278600073**, ISBN: 978-1-5386-3806-4. ISSN: 2376-4163.

Vis26. S. Deleanu, M. Iordache, **Dragoș NICULAE**, B. Venescu, M. Turcu, N. Galan „The Overvoltage Distribution across transformer windings in presence of long feeders” INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE 2018), pp. 1-6, Craiova, Romania, **WOS:000487278600080**, ISBN: 978-1-5386-3806-4. ISSN: 2376-4163.

Vis27. R. Asanache, M. Iordache, **Dragoș NICULAE**, M. Stanculescu, L. Bobaru, V. Bucata „The computation of the kQ-product and properties of wireless power transfer systems” INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE 2018), pp. 1-6, Craiova, Romania, **WOS:000487278600065**, ISBN: 978-1-5386-3806-4. ISSN: 2376-4163.

Vis28. M. Stanculescu, I-G Sirbu, L. Mandache, **Dragoș NICULAE**, M. Voinea, V. Bucata, M. Iordache „About Pathologic Linear Circuit with Inconsistent initial conditions” INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE 2018), pp. 1-6, Craiova, Romania, **WOS:000487278600040**, **ISBN: 978-1-5386-3806-4**. ISSN: 2376-4163.

Vis29. P. Wong, Z. Robertshaw, S. Deleanu, C. Aamot, M. Iordache, M. Stanculescu, **Dragoș NICULAE** „Using Programmable Logic Controllers to Simulate Common Motor Load Curves in Industry” 11TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE 2019), pp. 1-6, Bucharest, Romania, **WOS:000475904500172**, ISBN: 978-1-4799-7514-3. ISSN: 1843-8571.

Vis30. **Dragoș NICULAE**, M. Iordache, M. Stanculescu, L. Bobaru, S. Deleanu „A Review of Electrical Vehicles Charging Technologies Stationary and Dynamic” 11TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE 2019), pp. 1-6, Bucharest, Romania, **WOS:000475904500100**, ISBN: 978-1-4799-7514-3. ISSN: 1843-8571.

Vis31. S. Deleanu, M. Iordache, M. Stanculescu, **Dragoș NICULAE** „The Induction Machine Operating from a Voltage Supply, Unbalanced and Polluted with Harmonics: A Practical Approach” 2019 15TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), pp 181-184, Oradea, Romania, **WOS: 000503434500046**, ISBN: 978-1-7281-0773-8.

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- PN III P2 112/01.11.2016 Nr.81BG/2016 "Analiza si testarea distributiei campului electric la izolatoare din materiale compozite pentru cresterea sigurantei in functionare" UEFISCDI. Director proiect **Dragos NICULAE**.
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15.01.2025

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