
CURRICULUM VITAE

Maria VINȚAN, Universitatea "Lucian Blaga" din Sibiu

1. STUDII, SPECIALIZĂRI ȘI TITLURI

2. FUNCȚII DIDACTICE (PROFESIONALE) ȘI LOCURI DE MUNCĂ

3. ALTE DATE

1. STUDII, SPECIALIZĂRI ȘI TITLURI

- **1988-1993:** Universitatea "Politehnica" Timișoara, Facultatea de Electrotehnică, secția Electroenergetică, specializarea "Sisteme electroenergetice" Am obținut titlul de inginer diplomat.
- **1996-2003:** Studii de doctorat, Universitatea "Politehnica" Timișoara, Facultatea de Electrotehnică, conducător științific: Prof. univ. dr. doc. ing. Constantin Șora, membru de onoare al Academiei de Științe Tehnice din România (ASTR).
- **2003:** Am obținut titlul de doctor în domeniul "Inginerie electrică", cu teza intitulată "*Determinarea distribuției curentului de scurtcircuit monofazat în rețelele electrice de înaltă tensiune*", Universitatea "Politehnica" din Timișoara

2. FUNCȚII DIDACTICE (PROFESIONALE) ȘI LOCURI DE MUNCĂ

- 1995-1997: preparator universitar la Univ. "L. Blaga" din Sibiu, Facultatea de Inginerie, Catedra de Inginerie Electrică și Electronică
- 1997-2001: asistent universitar la Univ. "L. Blaga" din Sibiu, Facultatea de Inginerie, Catedra de Inginerie Electrică și Electronică
- 2001-2005: șef de lucrări la Univ. "L. Blaga" din Sibiu, Facultatea de Inginerie, Catedra de Inginerie Electrică și Electronică

- 2005-2009: conferențiar universitar la Univ. "L. Blaga" din Sibiu, Facultatea de Inginerie, Catedra de Inginerie Electrică și Electronică (Ord. Min. MEC nr. 3955/25.04.2005, Decizia ULBS 139/28.04.2005)
- **2009-prezent:** profesor universitar la Univ. "L. Blaga" din Sibiu, Facultatea de Inginerie, Departamentul de Calculatoare și Inginerie Electrică (Ord. Min. MECI nr. 4694/13.08.2009, Anexa 34, Decizia ULBS 308/22.10.2009). Din **mai 2012** ocup funcția de prodecan - responsabil cu activitățile didactice - al Facultății de Inginerie.

3. ALTE DATE

Unele lucrări mi-au fost **citate favorabil în lucrări științifice** precum cele prezentate mai jos:

- **Lucrarea [C1]** citată în articolul: D. Toader – *Single-phase short-circuit current distribution in microhydroplants*, Simpozionul national de Electrotehnica Teoretica (SNET 04), Octombrie 2004, Bucuresti
- **Lucrarea [C1]** citată în articolul: C. Blaj, D. Toader, M. Gregonici – *Single-phase short-circuit current distribution in microhydroplants*, ELECTRONICS, VOL. 11, No. 1-2, pp. 104 - 107, DECEMBER 2007, ISSN 1450-5843, Faculty of Electrical Engineering, University of Banjaluka, http://www.electronics.etfbl.net/journal/El_2007_1_2_Complete.pdf
- **Lucrarea [Vi4]** citată în articolul: Kurt Josef Ferreira - *Fault Location for Power Transmission Systems using Magnetic Field Sensing Coils*, MSC Thesis, Worcester Polytechnic Institute, UK, April 2007 <http://www.wpi.edu/Pubs/ETD/Available/etd-050707-120755/unrestricted/kferreira.pdf>
- **Lucrarea [Ris 1]** citată în lucrarea disponibilă la adresa de internet: <http://vivliothmmy.ee.auth.gr/358/1/final.pdf> (lucrare științifică scrisă în limba greacă, pg. 44 și 208, anul 2008)
- **Lucrarea [C1]** citată în lucrarea: C. Moldovan - *The Neutral Movement Voltage of the Medium Voltage Electrical Networks Working in Unbalanced Regime*, Acta Electrotehnica, Univ. Petru Maior, Special Issue Proceedings MPS, <http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=6951653514462507449>, http://www.upm.ro/cercetare/pdf/2011/raportareactivitatestiintifica/upm_iee.pdf
- **Lucrarea [Ris 2]** citată în articolul: Gellert et al. - *Exploiting Selective Instruction Reuse and Value Prediction in a Superscalar Architecture*, Journal of Systems Architecture, vol. 55, issues 3, pp. 188-195, ISSN 1383-7621, Elsevier, 2009 (citată ISI Thomson Journals - <http://scientific.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1383-7621>, <http://dx.doi.org/10.1016/j.sysarc.2008.11.002>, IF = 0.490)
- **Lucrarea [Vi 4]** citată în articolul: Virgilio De Andrade, Elmer Sorrentino, *Typical expected values of the fault resistance in power systems*, pp. 602 – 609, Transmission and Distribution Conference and Exposition: Latin America (T&D-LA), 2010 IEEE/PES; Sao Paulo, 12/2010, Print ISBN: 978-1-4577-0488-8, v. <http://www.labplan.ufsc.br/congressos/Induscon%202010/fscommand/web/docs/T1040.pdf>;



http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5762944&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5762944

- **Lucrarea [Vi 4]** citată în articolul: Khalaf Y. Alzyoud, Al-Mofleh Anwar, *Faisal Y. Alzyoud - A New Technique for Location of Fault Location on Transmission Lines*, Modern Applied Science, ISSN 1913-1844 (Print) ISSN 1913-1852 (Online), Vol. 4, No. 8; August 2010, <http://www.ccsenet.org/journal/index.php/mas/article/viewFile/6095/5510>, <http://ccsenet.org/journal/index.php/mas/article/view/6095>, www.ccsenet.org/mas
- **Lucrarea [Vi 4]** citată în articolul: Jaydeep Chakravorty, Arpit Jain, *Use of Magnetic Field Sensing Coils for Fault Location in Transmission Lines*, International Journal of Emerging trends in Engineering and Development (IJETED), Issue 2, Vol.4 (May 2012), ISSN 2249-6149, <http://rspublication.com/ijeted/may-12/61.pdf>, <http://rspublication.com/ijeted/may-12/IJETED-MAY%2012.htm>
- **Lucrarea [Rns 7]** citată în lucrarea: Popescu Victor, *Determinarea influenței factorilor aleatori asupra fiabilității sistemelor de distribuție a energiei electrice 6-10 kv*, Teză de doctor in tehnică, conducător științific: dr. hab., conf. univ. Erhan Teodor, Chișinău, 2012, http://www.cnaa.md/files/theses/2012/22155/victor_popescu_thesis.pdf, <http://www.cnaa.acad.md/thesis/22155/>
- **Lucrarea [Rns 11]** citată în lucrarea: EC-GA n 249812, Project full title: *Transmission system operation with large penetration of Wind and other renewable Electricity sources in Networks by means of innovative Tools and Integrated Energy Solutions*, Document Name: DEMO 3 requirement specifications: detailed specifications for a DC network and detailed specifications for ALSTOM Grid's DC breaker, Responsible Partner: RTE, Version Date: April 27, 2012, Authors: Samuel NGUEFEU, Pierre RAULT (RTE), Wolfgang GRIESHABER, Fainan HASSAN (ALSTOM Grid), www.twenties-project.eu, <http://www.twenties-project.eu/system/files/D11.1%20-%20final.pdf>
- **Lucrarea [Rns 13]** citată în articolul: D. Nugent, B. K. Sovacool, *Assessing the lifecycle greenhouse gas emissions from solar PV and wind energy: A critical meta-survey*, Energy Policy (2013), ISSN: 0301-4215, Elsevier, available online 12 November 2013, v. <http://www.sciencedirect.com/science/article/pii/S0301421513010719>; 5-Year Impact Factor: 3.382
- **Lucrarea [Ris 2]** citată în articolul: Gellert A., Florea A., *Investigating a New Design Pattern for Efficient Implementation of Prediction Algorithms*, Journal of Digital Information Management, ISSN: 09727272, October 2013, Vol. 11 Issue 5, pp. 366-377 – v. <http://www.researchgate.net/publication/259190611> [Investigating a New Design Pattern for Efficient Implementation of Prediction Algorithms](http://www.researchgate.net/publication/259190611)
- **Lucrarea [Ris 1]** citată în lucrarea: Athanasios Dimopoulos, *Probabilistic risk assessment of electrical substations*, Thesis submitted to Cardiff University in candidature for the degree of Doctor of Philosophy, School of Engineering, Cardiff University, 2009, Published by ProQuest LLC 2013. Copyright in the Dissertation held by the Author. Microform Edition © ProQuest LLC, ProQuest LLC, 789 East Eisenhower Parkway, P.O. Box 1346, Ann Arbor, MI 48106-1346, <http://orca.cf.ac.uk/55083/1/U585472.pdf>
- **Lucrarea [Ris 1]** citată în articolul: Nassereddine, M., Rizk, J., Hellany, A., & Nagrial, M., *Relation between transmission lines coupling factor and over head earth wire length: its impacts on fault current distributions*, Source: [IET Generation, Transmission & Distribution](http://www.elsevier.com/locate/ieet), 9 pp., ISSN

- 1751-8687, DOI: [10.1049/iet-gtd.2013.0608](https://doi.org/10.1049/iet-gtd.2013.0608), Available online: 14 January 2014, v. <http://digital-library.theiet.org/content/journals/10.1049/iet-gtd.2013.0608>
- **Lucrarea [Rns 8]** citată în articolul: Nassereddine, M., Rizk, J., Hellany, A., & Nagrial, M., *Relation between transmission lines coupling factor and over head earth wire length: its impacts on fault current distributions*, Source: *IET Generation, Transmission & Distribution*, 9 pp., ISSN 1751-8687, DOI: [10.1049/iet-gtd.2013.0608](https://doi.org/10.1049/iet-gtd.2013.0608), Available online: 14 January 2014, v. <http://digital-library.theiet.org/content/journals/10.1049/iet-gtd.2013.0608>
 - **Lucrarea [Rns 13]** citată în articolul: . Daniel Nugent, BenjaminK.Sovacool , *Assessing the life cycle greenhouse gase missions from solar PV and wind energy:A critical meta-survey*, pp. 229-244, *Energy Policy* 65 (2014), journal homepage: www.elsevier.com/locate/enpol, DOI: <http://dx.doi.org/10.1016/j.enpol.2013.10.048>, Available online: v. <http://www.sciencedirect.com/science/article/pii/S0301421513010719#>
 - **Lucrarea [Ris 1]** citată în articolul: Buba, S.D.; Ahmad, W.F.Wan; Kadir, M.Z.A.Ab.; Gomes, Chandima; Jasni, J.; Osman, M., *Impact of split factor value on the safe design of distribution substation earth grid*, *Lightning Protection (ICLP)*, 2014 International Conference on, pp.762-767, 11-18 Oct. 2014, doi: 10.1109/ICLP.2014.6973225, INSPEC Accession Number: 14806056, URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6973225&isnumber=6971980>,
 - **Lucrarea [Vi 6]** citată în articolul: R. CHIS, L. N. VINȚAN - *Multi-Objective Hardware-Software Co-Optimization for the SNIPER Multi-Core Simulator*, *Proceedings of 10th International Conference on Intelligent Computer Communication and Processing (ICCP)*, 2014 IEEE International Conference on, 4-6 sept. 2014, pp. 3-9, , DOI: [10.1109/ICCP.2014.6936772](https://doi.org/10.1109/ICCP.2014.6936772), Cluj-Napoca, Romania, <http://www.iccp.ro/iccp2014/>, <http://www.ieeeexplore.us/xpl/abstractReferences.jsp?tp=&arnumber=6936772&url=http%3A%2F%2Fwww.ieeeexplore.us%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6936772>
 - **Lucrarea [Vi 6]** citată în articolul: L. N. VINȚAN – *Multi-Objective Optimization of Advanced Computing Systems: Some Achievements and Fertile Work Directions*, *Romanian Journal of Information Science and Technology (ROMJIST)*, vol. 17, no. 2 (aprilie – iunie), pp. 121-133, ISSN: 1453-8245, Romanian Academy, Bucharest, 2014. Disponibil online pe site-ul revistei: v. http://www.imt.ro/romjist/Volum17/Number17_2/cuprins17_2.htm<http://www.imt.ro/romjist/> , Impact Factor 0,45 cf. https://www.researchgate.net/publication/271701839_Multi-Objective_Optimization_of_Advanced_Computing_Systems_Some_Achievements_and_Fertile_Work_Directions, <http://www.imt.ro/romjist/>, https://www.researchgate.net/publication/261506951_Multi-objective_DSE_algorithms%27_evaluations_on_processor_optimization
 - **Lucrarea [Ris 1]** citată în articolul: D. Buba, W. F. Wan Ahmad ; M. Z. A. Ab Kadir ; C. Gomes - *Impact of energization current on the safe design of distribution substation earth grid*, *Power and Energy (PECon)*, 2014 IEEE International Conference on, 01-03.12 2014, Page(s):201 - 205, DOI: [10.1109/PECON.2014.7062441](https://doi.org/10.1109/PECON.2014.7062441) , INSPEC Accession Number: 14999923, http://ieeexplore.ieee.org/xpl/abstractReferences.jsp?tp=&arnumber=7062441&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D7062441, http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7057735&filter%3DAND%28p_IS_Number%3A7062393%29&pageNumber=2



- **Lucrarea [Ris 3]** citată în articolul: Amir HEIDARY, Hamid RADMANESH, S.H. FATHI, G.B. GHAREHPETIAN, *Series transformer based diode-bridge-type solid state fault current limiter*, *Frontiers of Information Technology & Electronic Engineering*, pages 1-16, ISSN 2095-9184 (print); ISSN 2095-9230 (online), www.zju.edu.cn/jzus; engineering.cae.cn; www.springerlink.com, <http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=3044836643076573963>, 2015
- **Lucrarea [Ris 1]** citată în articolul: Mohamad Nassereddine, Jamal Rizk, Mahmood Nagrial, Ali Hellany, *Counterpoise Mutual Voltage and Its Impacts on the HV Transmission UGOH Pole Earth Potential Rise*, *International Journal of Emerging Electric Power Systems*. ISSN (Online) 1553-779X, ISSN (Print) 2194-5756, DOI: [10.1515/ijeeps-2014-0010](https://doi.org/10.1515/ijeeps-2014-0010), April 2015, <http://www.degruyter.com/view/j/ijeeps.ahead-of-print/ijeeps-2014-0010/ijeeps-2014-0010.xml>, https://scholar.google.com/scholar?as_ylo=2015&hl=ro&as_sdt=0,5&sciodt=0,5&cites=3044836643076573963&scipsc=
- **Lucrarea [Vi 6]** citată în articolul: Lucian N. VINȚAN - *Computing Systems Multi-Objective Optimization using Domain-Knowledge*, *Buletinul AGIR (Supliment)*, vol. 2, pp. 74-79, ISSN-L 1224-7928, Online: ISSN 2247-3548, Editura AGIR, 2015; BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED, CNCSIS B+, v. <http://www.agir.ro/buletine/2274.pdf>, <https://scholar.google.com/citations?user=MyXpGgAAAAJ&hl=ro>, <https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1963816665676382378>
- **Lucrarea [Ris 1]** citată în articolul: Mohamad Nassereddine, Jamal Rizk, Mahmood Nagrial & Ali Hellany, *Wind Farm Earthing System Design Using Clustering Technique*, *Electric Power Components and Systems*, vol. 43, issue 16, pages 1813-1821, ISSN 1532-5008 (Print), 2015, v. http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1414484540748042740&as_sdt=5&as_ylo=2015&as_yhi=2015, IF=0.664 (2013) cf. <http://www.journal-database.com/journal/electric-power-components-and-systems.html>
- **Lucrarea [Ris 1]** citată în articolul: Mohamad Nassereddine, Jamal Rizk, Mahmood Nagrial & Ali Hellany, *Substation and Transmission Lines Earthing System Design under Substation Fault*, *Electric Power Components and Systems*, ISSN 1532-5008 (Print), DOI: 10.1080/15325008.2015.1075080, Published online: 04 Sep 2015, v. <http://scholar.google.com/citations?user=MyXpGgAAAAJ&hl=ro>, http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1414484540748042740&as_sdt=5&as_ylo=2015&as_yhi=2015
- **Lucrarea [Rio 1]** citată în articolul: BEEBE, Nelson H. F., *A Complete Bibliography of Scalable Computing: Practice and Experience*, University of Utah, Dept. of Mathematics, 2015, v. https://scholar.google.com/scholar?oi=bibs&hl=ro&cites=17069829341998828940&as_sdt=5
- **Lucrarea [Ris 1]** citată în articolul: Nassereddine, M; Rizk, J.; Nagrial, M. ; Hellany, A. ; Micu, Dan D. - *OHEW condition and its impact on substation earthing system and AC interference between pipeline and transmission line*, *Power Engineering Conference (UPEC), 2015 50th International Universities*, 1-4 Sept. 2015, pp. 1-6, DOI: [10.1109/UPEC.2015.7339854](https://doi.org/10.1109/UPEC.2015.7339854) , http://ieeexplore.ieee.org/xpl/abstractAuthors.jsp?tp=&arnumber=7339854&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D7339854,



- http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1414484540748042740&as_sdt=5&as_ylo=2015&as_yhi=2015
- **Lucrarea [Ris 5]** citată în articolul: Mariut, E. L., Helerea, E., & Ursachi, C - *Electric potential assessment near distribution power lines caused by lightning surge wave propagation*, Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), 2015, September, Intl Aegean Conference on (pp. 693-698). IEEE, http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=5023895390602350825&as_sdt=5&as_ylo=2015&as_yhi=2015.
 - **Lucrarea [Ris 5]** citată în articolul: MARIUT, L., HELEREA, E., & CĂLIN, D. - *Atmospheric discharge effect on power networks*. Bulletin of the Transilvania University of Brasov, (2015), Series I: Engineering Sciences, 8(2), http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=5023895390602350825&as_sdt=5&as_ylo=2015&as_yhi=2015
 - **Lucrarea [Ris 1]** citată în articolul: Seraphin C. Abou and Maarouf Saad - *System-Based Safety Tenets Applied to the Extra-High Voltage Transmission Line Design for Common Uses of Highway Right-of-Way*, ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, Volume 1, Issue 3, 2015, doi: 10.1115/1.4030590, <http://risk.asmedigitalcollection.asme.org/article.aspx?articleid=2293358&journalid=170>, http://scholar.google.com/scholar?oi=bibs&hl=ro&cites=1414484540748042740&as_sdt=5&as_ylo=2015&as_yhi=2015
 - **Lucrarea [Vi 6]** citată în articolul: VINȚAN L., CHIS R., MD. ALI ISMAIL, COTOFANA C. – *Improving Computing Systems Automatic Multi-Objective Optimization through Meta-Optimization*, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, ISSN: 0278-0070, Volume 35, Issue 7, pp. 1125-1129, (DOI 10.1109/TCAD.2015.2501299), July 2016 – v. http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7329996&filter%3DAND%28p_IS_Number%3A7493714%29; <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=43>
 - **Lucrarea [Vi 6]** citată în articolul: Malazgirt, Gorker Alp, Deniz Candas, and Arda Yurdakul, *Taxim: A Toolchain for Automated and Configurable Simulation for Embedded Multiprocessor Design*, 4th International Workshop on High Performance Energy Efficient Embedded Systems (HIP3ES '16), January 18–20, 2016, Prague, Czech Republic, v. <http://arxiv.org/pdf/1601.03341v1.pdf>
 - **Lucrarea [Ris 2]** citată în articolul: Gellert A., Brad R., *Context-based prediction filtering of impulse noise images*, IET Image Processing, DOI: 10.1049/iet-ipr.2015.0702, ISSN 1751-9659, Online ISSN 1751-9667 Available online: 23 February 2016, v. <http://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2015.0702>
 - **Lucrarea [Ris 5]** citată în articolul: L. Mariut, E. Helerea, *Assessment of electric potential generated during lightning strike by finite element method*, Pollack Periodica. An International Journal for Engineering and Information Sciences, vol. 11, issue 2, ISSN: 1788-1994, August 2016, v. <http://www.akademaii.com/doi/ref/10.1556/606.2016.11.2.2>
 - **Lucrarea [Ris 1]** citată în articolul: Rashid Sitdikov, Georgiy Egamnazarov, *The etalon model for solving currents in ground wires at asymmetrical short circuits on overhead power*



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- BRCEBE-ICEBE'17 Conference, Sibiu, Romania,
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- Expert evaluator al ARACIS în domeniul ingineriei electrice în perioada 2010-prezent (v. http://www.aracis.ro/uploads/287/registrul_de_evaluatori_pe_domenii.pdf_poz.1055)
- EXPERT-EVALUATOR al Consiliului National al Cercetării Științifice din Invatamantul Superior (CNCSIS) in domeniile Inginerie Electrica si Energetica (mai 2010).
- Organizator, Zilele Academiei de Științe Tehnice din România, editia a 9-a, Universitatea “Lucian Blaga” din Sibiu, 6-7 noiembrie 2014, v. <http://www.astr.ro/activitati-si-evenimente/zilele-academiei-de-științe-tehnice-din-românia-2014>
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- Diploma de excelenta de la Universitatea Petrol-Gaze din Ploiesti, v. <http://webspace.ulbsibiu.ro/maria.vintan/html/D.jpg> (2016)
- **Premiu UEFISCDI** pentru publicarea unui articol într-o revista clasificata Q2 *Clarivate Analytics* (2018), v. <https://uefiscdi.ro/resource-80293?&wtok=e2185cf6d590c552fc39867133e68e639c7fe69a&wtkps=XY1bDoIwEEX3Mt+KnZZCGfZgTFxBbUGraNHymBr3LtQPo19zMznnXk05PQNJgrE7NQFKRzzNCpZlrAwkCIKzMCdFkLquMLWXetA6q1vTng9X5uUSjbo3Q1imD93vjjONBG6+nEAifIqMje2YFjOQE1jbXjbbclgZV1wxqaIxd/PgiNKgShQxFoZrfWfg4zgF5x2xyruTunsbd9Uib/tk76qXTDWJYOrxkTfOmd8A+XrDQ==&wchk=71557df196c5c72df6cf42a6026c9b9ddb423be3> (poz. 110, pg. 32/55)

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Maria VINȚAN, UNIVERSITATEA "LUCIAN BLAGA" DIN SIBIU

1^o Teza(-ele) de doctorat

T1. ... VINȚAN MARIA - *Determinarea distribuției curentului de scurtcircuit monofazat în rețelele electrice de înaltă tensiune*, conducător științific: prof. univ. dr. doc. ing. Constantin Șora – membru de onoare al ASTR, Universitatea “Politehnica” Timișoara, Facultatea de Electrotehnică, iunie 2003

2^o Cărți publicate (C1, C2, C3 etc.), îndrumare publicate(I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcționale etc. (D1, D2 etc.), după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice/profesionale.

Cărți publicate (C1, C2 etc.)

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de circulație internațională (Rio); c) în reviste din țară recunoscute C.N.C.S.I.S. (Rns); d) în alte reviste de specialitate de circulație națională (Rno).

Obs. – Grupe distincte, în ordinea de mai sus.

a) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță (Ris)

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¹ Articol premiat de CNCSIS – v. site CNCSIS la

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4^o Articole/studii publicate în volumele unor manifestări științifice: a) internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate (Vi) și b) naționale (Vn), inclusiv cotate ISI sau indexate în baze de date internaționale.

Obs. – Grupe distincte, în ordinea de mai sus.

a) Manifestări științifice internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate (Vi)

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Vi 8. C. ȘOLEA, D. TOADER, M. VINȚAN, M. GRECONICI, D. VESA and I. TATAI - *Framework for distribution network modelling and fault simulation using MATLAB*, International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2022, Iasi, Romania, [2022 International Conference and Exposition on Electrical And Power Engineering \(EPE\)](https://ieeexplore.ieee.org/xpl/conhome/9959087/proceeding), [https://ieeexplore.ieee.org/xpl/conhome/9959087/proceeding](https://ieeexplore.ieee.org/xpl/conhome/9959087/proceeding?isnumber=9959072&sortType=vol-only-seq&pageNumber=4), <https://ieeexplore.ieee.org/xpl/conhome/9959087/proceeding?isnumber=9959072&sortType=vol-only-seq&pageNumber=4>, <https://ieeexplore.ieee.org/abstract/document/9959758/authors#authors>, DOI: [10.1109/EPE56121.2022.9959758](https://doi.org/10.1109/EPE56121.2022.9959758)

5⁰ Brevete de invenție(B1, B2 etc.).

6^o Proiecte de cercetare-dezvoltare-inovare: a) obținute prin competiție pe bază de contract/grant în țară / străinătate (Pn-naționale, Pi-internaționale); b) alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz.

Obs. – Grupe distincte, în ordinea de mai sus.

a) obținute prin competiție pe bază de contract/grant în țară / străinătate (Pn-naționale, Pi-internaționale)

Pn 1. Maria VINȚAN (Director Grant) - Extinderea paradigmei analizei scurtcircuitelor monofazate în rețelele electrice de înalta tensiune prin metode clasice și euristice, grant CNCSIS cod 485/ 2009-2011 (proiect de cercetare exploratorie), v. http://www.cnscis.ro/PNCIDI%20II/Idei/2008/Exploratorie/Primate/DOMENIU_5.html, respectiv http://cercetare.ulbsibiu.ro/PNII_2008.php

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Pn 3. **Maria VINȚAN** (membru al echipei de cercetare; director grant prof. univ. dr. ing. L. Vințan, ULB Sibiu) - *Sistem automat de evaluare și optimizare a arhitecturilor paralele de tip ILP*, Grant CNCSU, Tema 4, cod 391/1998

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Prof. univ. dr. ing. Maria VINȚAN

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