

LISTĂ DE LUCRĂRI ȘTIINȚIFICE (Selecție)

1^o Teza 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. ...VINȚAN MARIA – *Scurtcircuitul monofazat în rețelele electrice de înaltă tensiune*, ISBN 973-685-647-X, Editura Matrix Rom, 2003, București

3^o Articole/studii publicate: 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); b) în alte reviste de specialitate 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)

Ris 1. VINȚAN M., BUTA A. – *Ground fault current distribution on overhead transmission lines*, The scientific journal FACTA UNIVERSITATIS (NIS), published by the [University of Niš, Serbia](http://www.univ-nis.ac.rs), ISSN: 0353-3670, ser. Electronics and Energetics, vol.19, No.1, pp. 71-84, April 2006, Serbia <http://facta.junis.ni.ac.rs/eae/fu2k61/buta.html>; indexata ESCI (Emerging Sources Citation Index) of Thomson Reuters <http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=EX&ISSN=0353-3670>

Ris 2. GELLERT, A. FLOREA, M. VINȚAN, C. EGAN, L. VINȚAN - *Unbiased Branches: An Open Problem*, The Twelfth Asia-Pacific Computer Systems Architecture Conference (ACSAC 2007), Seoul, Korea, August 23rd-25th, 2007; Lecture Notes in Computer Science. [Advances in Computer Systems Architecture](http://www.springer.com), vol. 4697, pp. 16-27, ISSN 0302-9743 (Print) 1611-3349 (Online), ISBN 978-3-540-74308-8, Springer-Verlag Berlin / Heidelberg, 2007 (cotata ISI Thomson Journals JR=0.40, JIF=0.515 in 2002, AJIF=0.514 in 2004 vezi <http://www.isinet.com/>; indexata Scopus http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=vintan&st2=&sid=qBbCgR9I7X2Vza2_3H37Mwq%3a40&sot=b&sdt=b&sl=19&s=AUTHOR-NAME%28vintan%29&origin=searchbasic&txGid=qBbCgR9I7X2Vza2_3H37Mwq%3a4, WOS:000249815200002

Ris 3. VINȚAN M. - *Evaluating transmission towers potentials during ground faults*, Journal of Zhejiang University SCIENCE A, Zhejiang University Press, co-published with Springer-Verlag GmbH, Volume 9, Number 2 / February, 2008, ISSN 1673-565X (Print); ISSN 1862-1775 (Online), pp. 182-189, China, 2008, DOI: 10.1631/jzus.A072206, (cotata ISI Thomson Web of Knowledge) –



v. <http://www.springerlink.com/content/w5pk64n2q1673522/>,
<http://www.zju.edu.cn/jzus/2008/A0802/A080205.htm>, <http://thomsonscientific.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=zhejiang>; WOS:000252925400005

Ris 4. D. MORARIU, M. VINȚAN, L. N. VINTAN - *Aspects concerning SVM Method's Scalability*, Studies in Computational Intelligence (SCI). Advances in Intelligent and Distributed Computing, Volume 78, pp. 125-134, Springer-Verlag Berlin Heidelberg, ISSN 1860-949X, ISBN 978-3-540-74929-5, 2008, Journal Impact Factor = 0.515; (cotata ISI Thomson Journals - <http://apps.isiknowledge.com/>); Indexat de asemenea in DBLP, Ulrichs, SCOPUS, MathSciNet, Current Mathematical Publications, Mathematical Reviews, Zentralblatt Math: MetaPress and Springerlink, cf. <http://www.springer.com/series/7092>, WOS:000251477300013

Ris 5. VINTAN M. - *About the Coupling Factor Influence on the Ground Fault Current Distribution on Overhead Transmission Lines*, Advances in Electrical and Computer Engineering, ISSN 1582-7445, e-ISSN 1844-7600, vol. 10, no. 2, pp. 43-48, 2010, doi: 10.4316/AECE.2010.02007, Journal Impact Factor = 0.509 - https://www.researchgate.net/publication/44568011_About_the_Coupling_Factor_Influence_on_the_Ground_Fault_Current_Distribution_on_Overhead_Transmission_Lines; (cotata ISI Thomson Web of Knowledge - <http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1582-7445> [http://www.cnscis.ro/userfiles/file/CENAPOSS/reviste_cat_A_curenta\(1\).pdf](http://www.cnscis.ro/userfiles/file/CENAPOSS/reviste_cat_A_curenta(1).pdf); <http://www.aece.ro/current.php>), Scor relativ de influenta = 0.215, cf. UEFISCDI v. http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/Scor_Relativ_Influenta_2014.pdf - premiat de CNCSIS in 2010 v. [http://cnscis.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202010/ARTICOLE%202010_15%20OCTOMBRIE%20\(Autosaved\)b.pdf](http://cnscis.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202010/ARTICOLE%202010_15%20OCTOMBRIE%20(Autosaved)b.pdf), WOS:000280312600007

Ris 6. VINTAN M. – *Ground fault location influence on AC power lines impedances*, Proceedings of The Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, Volume 15, Number 3, pp. 254-261, ISSN 1454-9069, Bucharest, 2014, v. <http://www.acad.ro/sectii2002/proceedings/doc2014-3/ProceedingsA3-2014PDF-final.pdf>, http://www.acad.ro/sectii2002/proceedings/proc_pag_ln.htm; factor de impact 1,658 cf. <https://uefiscdi.ro/preview.php?&id=2837&wtok=af7d14c1a5d71f712a37b9acf2d24c73eb2f7e4b&wtkps=XY7RDoIwDEX/pc8S242x0v0DMfELSAZkQQwwiRrjvzv2YvSpzb3nNG2lkclUI3C/jZcILgib2lZ16aJogRg87JsVoKnkwXc+DJMd+215bOup0IP8/zsCzItrlXYRLLIM+IEIJOkez9fT+ejtqhYMRreC5XYb3KgklijQsZsmWw1fw5huvsDqvR9B65x7w8=&wchk=998a98910f3708f7a3046442c8629fe6c8c5c124> ; scor relativ de influenta 0,214 cf. http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/Scor_Relativ_Influenta_2014.pdf. Revista a fost încadrată în “zona roșie” Q1 WoS cf. JCR 2015 (publicat în iunie 2016) și cf. UEFISCDI – v. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202016/Clasament%20IF%202015.pdf sau <http://www.upm.ro/cercetare/documente/2016/Clasament%20IF%202015.pdf> (pg. 351/715). SRI=0,429 cf. http://old.uefiscdi.ro/userfiles/file/CENAPOSS/RIS_2016.pdf), WOS:000341803400006

Ris 7. VINTAN M. - *A Comparative Parametric Analysis of the Ground Fault Current Distribution on Overhead Transmission Lines*, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol. 16, issue 1, pp. 107-114, ISSN: 1582-7445, 2016 – v. <http://www.aece.ro/abstractplus.php?year=2016&number=1&article=15>; IF= 0,529 (2014), v. http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/rev_rom_isi_19_iunie_2015_factori.pdf; SRI=



0,215 (2014), v. http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/Scor_Relativ_Influenta_2014.pdf;
WOS:000376995400015

Ris 8. VINȚAN L., MORARIU D., CREȚULESCU R., VINȚAN M. – *An Extension of the VSM Documents Representation*, International Journal of Computers, Communications & Control, ISSN 1841-9836, Vol. 12, Issue 3, pp. 403 - 414, June 2017, v. <http://univagora.ro/jour/index.php/ijccc/article/view/2889/pdf>; *Revistă cotate (ISI) Thomson Journals WoS*, Impact Factor: IF=1,374, cf. JCR 2016 (Q3, 96/146 in Computer Science, v. <https://uefiscdi.ro/preview.php?id=3386&wtok=31791e0f0d8fcf1245f56f8db85a88630f60fd23&wtkps=XY1BCgIxDAD/krNgkzSmTf+wCL5g3fZQFBEq7EH8u9t6ED0lhJnJbGrPZmKwPi7XBqmaj86R96kZG7SaoW9kMOsBffFCJZYzhrwsLKxKQXNQZtc5NKh9brggfBJLHlnE2AE1yPl+O572rI4CBSdhGJv6vewIURiRkUdWhjX9OegMfsHt71ogTen1Bg==&wchk=013fdad276f0ea2718d2042c541d19146ad8cac9>) și <http://univagora.ro/jour/index.php/ijccc/>, SRI=0,420 cf. <http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/RIS2015.pdf>; WOS:000402475300008, DOI: <http://dx.doi.org/10.15837/ijccc.2017.3>.

Ris 9. MARIA VINȚAN – *Computing the Ground Fault Current Distribution on Electrical Power Transmission Networks*, Proceedings of The Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, Volume 19, Number 3, pp. 463-471, ISSN: 1454-9069, 2018. Articolul este disponibil online la: <http://www.acad.ro/sectii2002/proceedings/doc2018-3/07-Vintan.pdf>. Revista este cotate Clarivate Analytics Web of Science, IF = 1,752, AIS=0,248, cf. JCR 2017 (publicat iunie 2018), Q2 WoS cf. JCR 2017 (25/64 Multidisciplinary Sciences, v. <http://jcr.incites.thomsonreuters.com.am.e-nformation.ro/JCRJournalProfileAction.action?Init=Yes&tab=RANK&issn=1454-9069&SrcApp=IC2LS&SID=H4-mcp4dRPpRpIQPceGpmUCcSDM1lx2F8fjnG-18x2dQM6hosx2Bnqyeix2BC4bxxs5fRAx3Dx3DgdvnEp3lhW7Zp5MdtfpNCAx3Dx3D-9vvmzcnDpRgQCGPd1c2qPQx3Dx3D-wx2BJQh9GKVmtdJw3700KssQx3Dx3D>). Revista a fost încadrată în "zona roșie" Q1 WoS cf. JCR 2015 (publicat în iunie 2016) și cf. UEFISCDI – v. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202016/Clasament%20IF%202015.pdf sau <http://www.upm.ro/cercetare/documente/2016/Clasament%20IF%202015.pdf> (pg. 351/715). SRI=0,429 cf. http://old.uefiscdi.ro/userfiles/file/CENAPOSS/RIS_2016.pdf. Articolul a fost premiat de UEFISCDI în 2018, în cadrul programului "Premierea rezultatelor cercetării", Code: PRECISI-2018-42849, Proposal Registration Code: PN-III-P1-1.1-PRECISI-2018-27537 – v. <https://uefiscdi.ro/resource-80293?wtok=e2185cf6d590c552fc39867133e68e639c7fe69a&wtkps=XY1bDoIwEEX3Mt+KnZCZGfzGTFxBBUGraNHymBr3LtQPo19zMznnXk05PQNJgrE7NQFKRzzNCpZlrAwkCIKzMCdFkLquMLWXetA6q1vTng9X5uUSjbo3Q1imD93vjjONBG6+nEAiflqMje2YFjOQE1jbXjbbclgZV1wxqaIxd/PgiNKgShQxFOzrfWfg4zgF5x2xyruTunsbd9Uib/tk76qXTDWJYOrxkTfOmd8A+XrDQ==&wchk=71557df196c5c72df6cf42a6026c9b9ddb423be3> (poz. 110, pg. 32/55), WOS:000444795200007

Ris 10. C. BĂNCIOIU, M. VINȚAN, L. VINȚAN – *Efficiency Optimizations for Koller and Sahami's Feature Selection Algorithm*, Romanian Journal of Information Science and Technology (ROMJIST), Vol. 22, No. 1, pp. 85-99, ISSN: 1453-8245, Romanian Academy, Bucharest, 2019. Disponibil online la adresa: <https://www.romjist.ro/full-texts/paper620.pdf> sau la adresa https://www.researchgate.net/publication/332593592_Efficiency_Optimizations_for_Koller_and_Sahami%27s_Feature_Selection_Algorithm. Revista este cotate Clarivate Analytics Web of Science, IF = 0,288 cf. JCR 2017 (publicat în iunie 2018), SRI (AIS)=0,082, cf. <http://jcr.incites.thomsonreuters.com.am.e-nformation.ro/JCRJournalProfileAction.action?Init=Yes&tab=RANK&issn=1453-8245&SrcApp=IC2LS&SID=H4-mcp4dRPpRpIQPceGpmUCcSDM1lx2F8fjnG->



[18x2dQM6hosx2Bnqyeix2BC4bx5fRAx3Dx3DgdvnEp3lhW7Zp5MdtfpNCAx3Dx3D-9vvmzcnDpRgQCGPd1c2qPQx3Dx3D-wx2BJQh9GKVmtJw3700KssQx3Dx3D](https://www.mdpi.com/18x2dQM6hosx2Bnqyeix2BC4bx5fRAx3Dx3DgdvnEp3lhW7Zp5MdtfpNCAx3Dx3D-9vvmzcnDpRgQCGPd1c2qPQx3Dx3D-wx2BJQh9GKVmtJw3700KssQx3Dx3D),
WOS: 000469865900007

Ris 11. Arpad GELLERT, Maria VINTAN, Lucian VINTAN - *Perceptron-Based Selective Load Value Prediction in a Multicore Architecture*, Romanian Journal of Information Science and Technology, Volume 22, Number 3–4, pp. 215–227, ISSN: 1453-8245, 2019. Disponibil online la adresa: <https://www.romjist.ro/full-texts/paper629.pdf>. Revista este cotate Clarivate Analytics Web of Science, IF = 0,288 cf. JCR 2017 (publicat în iunie 2018), SRI (AIS)=0,082, cf. <http://jcr.incites.thomsonreuters.com/am-e-information.ro/JCRJournalProfileAction.action?Init=Yes&tab=RANK&issn=1453-8245&SrcApp=IC2LS&SID=H4-mcp4dRPpRpIQPceGpmUCcSDM1lx2F8fjnG-18x2dQM6hosx2Bnqyeix2BC4bx5fRAx3Dx3DgdvnEp3lhW7Zp5MdtfpNCAx3Dx3D-9vvmzcnDpRgQCGPd1c2qPQx3Dx3D-wx2BJQh9GKVmtJw3700KssQx3Dx3D>, WOS: 000499652400002

Ris 12. Dumitru TOADER, Marian GRECONICI, Daniela VESA, Maria VINTAN, Claudiu SOLEA - *Analysis of the Influence of the Insulation Parameters of Medium Voltage Electrical Networks and of the Petersen Coil on the Single-Phase-to-Ground Fault Current*. *Energies* **2021**, ISSN 1996-1073, Volume 14, Issue 5, 1330, <https://www.mdpi.com/1996-1073/14/5>, disponibil online la adresa: <https://www.mdpi.com/1996-1073/14/5/1330>, special Issue *MVDC Grids: Modelling, Design, Power Converters, Stability, Control and Operation*). This special issue belongs to the section "Electrical Power and Energy System". Revista este cotate Clarivate Analytics Web of Science: <https://mjl.clarivate.com/search-results>, Impact Factor: 3.004 (2020); 5-Year Impact Factor: 3.085 (2020), cf. <https://www.mdpi.com/journal/energies>, <https://www.webofscience.com/>, <https://doi.org/10.3390/en14051330>, WOS:000628197300001

Ris 13. Dumitru TOADER, Maria VINTAN, Claudiu SOLEA, Daniela VESA, Marian GRECONICI, *Analysis of the Possibilities of Selective Detection of a Single Line-to-Ground Fault in a Medium Voltage Network with Isolated Neutral*, *Energies* **2021**, ISSN 1996-1073, Volume 14, Issue 21, 7019, disponibil online la adresa: <https://www.mdpi.com/1996-1073/14/21/7019>, <https://doi.org/10.3390/en14217019> (registering DOI), 3.004 (2020); Revista este cotate Clarivate Analytics Web of Science: <https://mjl.clarivate.com/search-results>, Impact Factor: 3.004 (2020); 5-Year Impact Factor: 3.085 (2020), <https://www.mdpi.com/journal/energies>, <https://www.webofscience.com/>, <https://doi.org/10.3390/en14217019>, WOS:000718797600001

b) în alte reviste de specialitate de circulație internațională (Rio)

Rio 1. I. D. MORARIU, M. VINȚAN, L. N. VINȚAN - *Studying SVM Method's Scalability using Text Documents*, Scalable Computing: Practice and Experience, Volume 9, Number 1, pp.1-10, ISSN 1895-1767, Warsaw Univ. (Ed.), Poland, March 2008 (v. http://www.scpe.org/vols/vol09/no1/SCPE_9_1_01.pdf)

Rio 2. Dumitru TOADER, Marian GRECONICI, Daniela VESA, Maria VINTAN, Claudiu SOLEA, Adrian MAGHET, Ildiko TATAI - *The Influence of the Characteristics of the Medium Voltage Network on the Single Line-to-Ground Fault Current in the Resistor Grounded Neutral Networks*, *Designs*, ISSN: 2411-9660, Volume 5, Issue 3, 2021, <https://doi.org/10.3390/designs5030053>, disponibil online la adresa: <https://www.mdpi.com/2411-9660/5/3/53>, <https://doi.org/10.3390/designs5030053>, <https://www.scopus.com/sourceid/21101024200>,

c) în reviste din țară recunoscute C.N.C.S.I.S. (Rns)

Rns 1. VINȚAN M. – *Different Factors Influence on the Self and Mutual Impedances of the Overhead Wires with Ground Return*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transaction on Power Engineering, Tom 46(60) pg. 463 - 468, ISSN 1582-7194, November 2001, Timișoara

Rns 2. TANASE G., BORLEA I., VINȚAN M. et al - *Expert system for steady state operation diagnosis of electrical distribution networks. Theory and Basic Concepts*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transaction on Power Engineering, Tom 54(68), pp. 497-502, ISSN 1582-7194, November 2009, Timișoara (THE 8th INTERNATIONAL POWER SYSTEMS CONFERENCE PSC 2009), (CNCSIS B+)

Rns 3. TANASE G., BORLEA I., VINȚAN M. et al - *Expert system for steady state operation diagnosis of electrical distribution networks. Software and case study*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transaction on Power Engineering, Tom 54(68), pp. 503-510, ISSN 1582-7194, November 2009, Timișoara (THE 8th INTERNATIONAL POWER SYSTEMS CONFERENCE PSC 2009), (CNCSIS B+)

Rns 4. VINȚAN M., BORLEA I. - *Ground wires influence on the ground fault current distribution on overhead transmission lines*, Scientific Bulletin of the “Politehnica” University of Timisoara, Transaction on Power Engineering, Tom 54(68), pp. 555-562, ISSN 1582-7194, November 2009, Timișoara (THE 8th INTERNATIONAL POWER SYSTEMS CONFERENCE PSC 2009), (CNCSIS B+)

Rns 5. VINȚAN M., MIHU P. I., BORLEA I. - *Tower ground impedance influence on ac overhead line ground fault currents*, A 16- a Conferinta de Inginerie Energetica, CIE 2010, 27-29 mai 2010, publicat in Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://journals.indexcopernicus.com/karta.php?id=4961>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, vol. 1, no.3, pp. 12-15, 2010

Rns 6. VINȚAN M., BORLEA I., MIHU P. I. - *Coupling factor influence on ac overhead line ground fault currents*, A 16- a Conferinta de Inginerie Energetica, CIE 2010, 27-29 mai 2010, publicat in Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://journals.indexcopernicus.com/karta.php?id=4961>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, vol. 1, no. 4, pp. 6-9, 2010

Rns 7. BORLEA I., JIGORIA-OPREA D., LUȘTREA B., VINTAN M. - *Knowledge base for electrical distribution networks reconfiguration*, A 16- a Conferinta de Inginerie Energetica, CIE 2010, 27-29 mai 2010, publicat in Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://journals.indexcopernicus.com/karta.php?id=4961>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, vol. 1, no. 1, pp. 97-102, 2010

Rns 8. VINȚAN M. – *About Computational Methods of Power Transmission Lines Impedances*, Acta Universitatis Cibiniensis, Technical series, vol LXI, pp. 71-74, Sibiu, ISSN 1583-7149, http://web.ulbsibiu.ro/vlad.sava/pdf/acta/acta_LXI.pdf, 2010

Rns 9. VINȚAN M., MIHU P. I., BORLEA I. - *AC power lines impedances computational methods*, Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://www.energy-cie.ro/content/view/96/165/>, <http://journals.indexcopernicus.com/karta.php?id=4961>,

http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, http://www.energy-cie.ro/archives/2011/nr_2/v2-n2-14.pdf, vol. II, no. 2, pp. 80-84, 2011

Rns 10. VINȚAN M., MIHU P. I., BORLEA I. - *Ground wires influence on ac power lines impedances*, Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://journals.indexcopernicus.com/karta.php?id=4961>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, <http://www.energy-cie.ro/content/view/97/166/>, http://www.energy-cie.ro/archives/2011/nr_3/v2-n3-16.pdf, vol. II, no. 3, pp. 85-88, 2011

Rns 11. VUC GHE., BORLEA I., JIGORIA-OPREA D., VINȚAN M. - *Optimal energy storage capacity for a grid connected hybrid wind-photovoltaic generation system*, Journal of Sustainable Energy (JSE), ISSN 2067-5534, CNCSIS B+, cod 817, indexata in BDI: <http://journals.indexcopernicus.com/karta.php?id=4961>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/uu/titleChanges.asp?uuMonthlyFile=uu201002/title_changes.txt&Letter=J&navPage=9&, <http://www.energy-cie.ro/content/view/98/165/>, http://www.energy-cie.ro/archives/2011/nr_4/v2-n4-17.pdf, vol. II, no. 4, 2011

d) în alte reviste de specialitate de circulație națională (Rno)¹;

Rno 1. LUȘTREA B., VINȚAN M. - *Simulator static de manevra realizat pe IBM-PC*, Acta Universitatis Cibiniensis, ISSN 1221-4930, vol. XX, Editura Universității "L. Blaga", 1995, Sibiu

Rno 2. VINTAN L., VINȚAN M. - *A Global Approach for Two Cache Architectures*, Acta Universitatis Cibiniensis, Seria A. Electronica, Electrotehnica și Știința Calculatoarelor, Vol. XXVII, ISSN 1221-4930, Editura Universității "L. Blaga", 1997, Sibiu

Rno 3. VINTAN L., VINȚAN M. – *Some Analytical Approaches for Two Superscalar Cache Architectures*, Acta Universitatis Cibiniensis, Technical Series. Electronics, Electrical Engineering and Computer Science, Vol. XXXI, ISSN 1221-4930, Editura Universității "L. Blaga", 1998, Sibiu

2^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)

Vi 1. VINȚAN M. – *A Simulation Program for Teaching Power System Operations*, Proceedings of the Second Symposium "Extra Skills for Young Engineers ESYE 2001", ISBN 86-435-0440-8, (organized by IEEE Slovenia Section), October 17-19, 2001, Maribor, Slovenia, <http://www.worldcat.org/title/proceedings-of-the-second-symposium-extra-skills-for-young-engineers-esye-2001-october-17-19-2001-maribor-slovenia/oclc/444695913>

¹ Acta Universitatis Cibiniensis - Technical Series este recunoscuta ca fiind de tip CNCSIS categoria B, cf. site-ului CNCSIS la http://www.cnscis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf

Vi 2. VINȚAN M., BOGDAN M. – *Transmission Power Potentials during Ground Faults*, Proceedings of the 11th International Symposium on System Theory SINTES – 11, vol. 2, pg. 553-556, ISBN 973-8043-415-5, 2003, Craiova, Romania

Vi 3. BOGDAN M., VINȚAN M. – *Selecting the Right Sensor for Temperature Measurement*, Proceedings of the 11th International Symposium on System Theory SINTES – 11, vol. 2, pg. 483-486, ISBN 973-8043-415-5, 2003, Craiova, Romania

Vi 4. VINȚAN M. – *Fault current distribution computation on overhead transmission lines*, Proceedings of the Fifth International World Energy System Conference, vol. II, pg. 273-279, ISSN 1198-0729, 2004, Oradea, Romania

Vi 5. VINȚAN M. – *Potentials of the transmission towers during ground faults*, Proceedings of the 5th International Conference on Electromechanical and Power Systems - SIELMEN 2005, vol. II, pg. 1075-1077, ISBN GEN: 973-716-208-0, October 6-8, 2005, Chișinău, Republic of Moldova

Vi 6. Radu CHIS, Maria VINTAN, Lucian VINTAN, *Multi-objective DSE Algorithms' Evaluations on Processor Optimization*, Proceedings of 9th International Conference on Intelligent Computer Communication and Processing (ICCP 2013), ISBN 978-1-4799-1493-7, pp. 27-34, IEEE Computer Society Press, Cluj-Napoca, September 5 - 7 2013 (*IEEE Xplore*), v. <http://www.iccp.ro/iccp2013/full> Indexat IEEE, v. <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6646076&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel7%2F6636285%2F6646058%2F06646076.pdf%3Farnumber%3D6646076>; <http://ieeexplore.ieee.org/search/searchresult.jsp?matchBoolean=true&searchWithin=%22First%20Name%22: Maria&searchWithin=%22Last%20Name%22: Vintan&newsearch=true>, 57 accepted papers from a total of 91 submitted papers; DOI: 10.1109/ICCP.2013.6646076.

Vi 7. M. N. OLTEAN, T. FAGARASAN, I. SEVASTRE, M. VINTAN, N. SOCOLESCU, I.RODEAN, *Multimedia Technologies for Live Working Training*, Proceedings of International Conference on Condition Monitoring, Diagnosis and Maintenance, CMDM 2015, ISSN 2344-245X, pp. 324-331,, Bucharest, Romania, 5th – 8th October 2015, v. <http://www.cmdm2015.org/documente/Program%20CMDM2015.pdf>; indexata in BDI-urile *CIGRE - The Council on Large Electric Systems* (Consiliul International al Marilor Rețele Electrice, Paris), v. <http://www.cigre.org/> si *GScholar*

3^o 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 in rețelele electrice de inalta tensiune prin metode clasice si euristice*, grant CNCSIS cod 485/ 2009-2011 (proiect de cercetare exploratorie); vezi site-uri CNCSIS respectiv ULB Sibiu http://www.cncsis.ro/PNCIDI%20II/Ideii/2008/Exploratorie/Primate/DOMENIU_5.html, respectiv http://cercetare.ulbsibiu.ro/PNII_2008.php

Pn 2. Maria VINȚAN (membru al echipei de cercetare; director grant prof. univ. dr. ing. L. Bogdan, ULB Sibiu) - *Cercetări teoretice și experimentale privind diagnosticul tehnic în cazul proceselor de prelucrare prin așchiere, în vederea alegerii sistemului de monitorizare optim*, Grant CNCSU, Nr. 3072, Tema 6/741, 1997

Pn 3. Maria VINȚAN (membru al echipei de cercetare; director grant prof. univ. dr. ing. L. Vințan, ULB Sibiu) - *Microarhitectura superscalara avansata cu procesari paralele si predictiv - speculative*, Grant CNCSIS cod 39/2007-2008, 2007 -
<http://194.102.64.7/GranturiFinalizate/faces/Projects/ProjectDetails.jsp>,
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Pi 1. Maria VINȚAN (membru al echipei de cercetare, grant internațional FP6) - *Accommodative intelligent educational environments for dyslexic learners*, Program FP6, nr. 034549 / 2006-2009, coordonator general Atos Origin Spain (Paul Moore), v. <http://www.agent-dysl.eu/>, http://cercetare.ulbsibiu.ro/programe_cercetare.php, v. si site ULB Sibiu - http://cercetare.ulbsibiu.ro/programe_cercetare.php la Programe internaționale finanțate la ULBS - 2004-2007, sau https://hostcercetare.ulbsibiu.ro/docs/rapoarte/Proiecte/internationale/internationale_2004_2007.pdf

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Prof. univ. dr. ing. Maria VINȚAN