

UNIVERSITATEA POLITEHNICA DIN BUCURESTI
FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE
PREZENTARE LA CONCURS [CONFERENȚIAR / PROFESOR]

Constantin Daniel OANCEA

Conferențiar

Departamentul de Electronica Aplicată și Ingineria Informației, Facultatea de Electronica, Telecomunicații și Tehnologia Informației

Condiții	Îndeplinire condiții	
A. Doctor	Diploma de Doctor în domeniul Inginerie Electrică, din 19.04.2002 emisă de Universitatea Politehnica din București	
B. Îndeplinirea standardelor minime naționale conform; OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]	Standarde îndeplinite, conform Comisiei CNATDCU Nr. 11, Electronica, Telecomunicații și Nanotehnologie Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minime [Punctaj]	Minim prevăzut	Realizat
A1. Activitatea didactică și profesională	100	129,583
A2. Activitatea de cercetare	600	867,91
A3. Recunoașterea și impactul activității	150	303,6
TOTAL (A)	850	1301,08
Condiții minime obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat
A1.1.1.- A1.1.2. Cărți și capitole în cărți de specialitate	1	4
A2.1. Articole în reviste cotate ISI și în proceedings indexate ISI Thomson Reuters și brevete de invenții	6 (1 în reviste ISI Q1 sau Q2/brevet)	30 (3 în reviste cotate ISI Q2) + un brevet
A2.1.4. Granturi câștigate prin competiție (director / responsabil)	2	3
A3.1.1. Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI	25	27
Factor de impact ISI cumulată pentru publicații	10	14,58
C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale	<p>Diploma de Licență, în domeniul electric Nr 249 din 19.07.1996 emisă de Universitatea Politehnica din București</p> <p>Diplomă de Studii Aprofundate/Master, Specializarea Metrologie – Sisteme de măsurare Nr. 627 din 20.10.1997 emisă de Universitatea Politehnica din București.</p> <p>Diplomă de Studii Aprofundate/Master, Specializarea Modelarea și Simularea sistemelor Nr. 1248 din 15.12.1999 emisă de Universitatea Politehnica din București.</p> <p>Diplomă de Studii Aprofundate/Master, Specializarea Biodinamică Nr. 923 din 4.04.2006 emisă de Universitatea din București.</p> <p>Diplomă de Studii Aprofundate/Master, Specializarea Rețele de Telecomunicații Nr. 0756 din 11.11.2011 emisă de Universitatea Politehnica din București.</p> <p>Alte Diplome</p> <p>1. Pentru “rezultate ieșite din comun în pregătirea de specialitate”, 1 Ianuarie 1994 – 31 Decembrie 1994, acordat de Rank Xerox Ltd.</p> <p>2. Modulul de perfecționare postuniversitară “Tehnologii informatice utilizate în echipamentele electrotehnice complexe”, UPB; 2-011 din 02.03.2001</p> <p>3. Studii post-doctorale (POS DRU) în domeniul Inginerie Energetică; Mai 2010 – Aprilie 2013, UPB</p> <p>Alte Certificate</p> <p>1. Absolvire a cursului de pedagogie (56 ore teorie + 56 ore practică pedagogică); Nr. 1238 din 20.12.1996, UPB</p> <p>2. Absolvire Academia locală “CISCO NETWORKING ACADEMY”; aprilie 2000 – noiembrie 2001; CCNA, UPB</p> <p>3. Atestat cursuri de pregătire teoretică în domeniul instalațiilor electrice; 040/1/2011, UPB; electrician autorizat ANRE gradele IIA, IIB (<1kV)</p> <p>4. Certificate of English Language Proficiency, UPB; B/93 din 5.02.1999</p> <p>Alte Acte de atestare a studiilor/realizărilor profesionale</p> <p>1. Absolvire curs neuroștiințe, Facultatea de Biologie, Universitatea din București; 3-12 Mai 2004</p> <p>2. Certificate de competență în utilizarea calculatoarelor, 30.05.2004, Academia de Studii Economice din București</p> <p>3. Certificate limba germană; 15.10.2005 – 28.07.2006, Institutul Goethe.</p>	

Subsemnatul OANCEA Constantin Daniel, candidat la concursul pentru abilitare în Domeniul de Studii Univ. Electronică, Telecomunicații și Tehnologii informaționale, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr.11, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters Web of Science sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta dată.

Candidat.

(semnă

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Data

30.06.2022

Activitatea didactică și profesională (A1)

A1.1.2 Cărți de autor sau capitole de specialitate în edituri cu ISBN (Cărți / monografii) - naționale

Ca1. Sorin Grigorescu, Costin Cepișcă, Constantin Vlaicu, Constantin-Daniel OANCEA, Octavian Ghiță, Bogdan Trușcă
Proiectarea și simularea circuitelor electronice cu amplificatoare operationale, ICPE Printing House, Bucharest 2001, ISBN 973-8067-33-2, 220 pagini, cod CNCISIS 48.

Ca2. Constantin-Daniel OANCEA, Constantin Oancea

Sisteme informatizate de masurare, PRINTECH Publishing House, Bucharest 2002, ISBN 973-652-645-3, 116 pagini, cod CNCISIS 54.

Ca3. Constantin-Daniel Oancea

Instrumentatie, Editura MatrixRom, Bucuresti, 2013, ISBN 978-973-755-889-3, 111 pagini, cod CNCISIS 39.

Ca4. Constantin Vlaicu, Constantin-Daniel Oancea

Arhitectura Sistemelor de Măsurare Numerice, Editura MatrixRom, Bucuresti, 2018, ISBN 978-606-25-0403-8, 113 pagini, cod CNCISIS 39.

Total C: 108,333

A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN (Manuale didactice)

Da1. Brândușa Pantelimon, Constantin Iliescu, Marcel-Marian Stanciu, Laurențiu Ilie, Constantin-Daniel Oancea, Octavian-Mihai Ghiță, Viorica Simion, Corneliu Buzatu, Măsurări electrice și electronice. Experimentări, Editura Printech, București 2000, ISBN 973-652-084-6, 117 pagini. Cod CNCISIS 54.

Da2. Constantin-Daniel Oancea, Instrumentație. Îndrumar de laborator. Editura Matrix Rom, București, 2013, ISBN 978-973-755-885-5, 42 pagini. Cod CNCISIS 39.

Da3. Constantin Daniel Oancea, Monitorizarea proceselor industriale, Îndrumar de laborator, Editura MatrixRom, București, 2016, ISBN 978-606-25-0244-7, 72 pagini. Cod CNCISIS 39.

Total D: 21,25

Total A1: 129,583

Activitatea de cercetare (A2)

A2.1 Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI

Ri1. Constantin-Daniel OANCEA, Carmen GOLOVANOV

Concept of virtual instrument in unconventional energy monitoring, "The Renewable energies and the sustainable development" International Symposium 23-25 September 2004, The Danube Delta – Tulcea, Romania, published in Journal of Environmental Protection and Ecology, vol. 7, no. 3, 2006, pag. 594-599, Sofia, Bulgaria, ISSN 1311-5065, Accession Number: WOS:000208350800017. Impact Factor (Mai 2020) = 0.634.

Ri2. Constantin-Daniel OANCEA, Adrian NEDELUCU

Level and erosions monitoring of hydrographic area, "The Renewable energies and the sustainable development" International Symposium 22-25 September 2005, The Danube Delta – Tulcea, Romania, publicat în Journal of Environmental Protection and Ecology, Sofia, Bulgaria, pag. 718-724, vol 8, nr.3, 2007, ISSN 1311-5065, Accession Number: WOS:000254747400028. Impact Factor (Mai 2020) = 0.634.

Ri3. Constantin-Daniel OANCEA, Constantin VLAICU

DC power supply from power line network, "THE QUALITY OF LIFE AND ENVIRONMENT: A MUST FOR THE EUROPEAN INTEGRATION" International Conference 13-15 October 2006, Constanta, Romania, publicat în Journal of Environmental Protection and Ecology, Sofia, Bulgaria, pag. 98-104, vol 9, nr.1, 2008, ISSN 1311-5065, Accession Number: WOS:000255086100012. Impact Factor (Mai 2020) = 0.634.

Ri4. Constantin-Daniel OANCEA

Semiconductor Light Emitting Devices, "Management and Sustainable Marine Development" International Conference 15-18 May 2008, Mamaia, Romania, publicat în Journal of Environmental Protection and Ecology, Sofia, Bulgaria, pag. 1111-1118, vol 11, nr.3, 2010, ISSN 1311-5065, Accession Number: WOS:000282925000037. Impact Factor (2018) = 0.634; Impact Factor (Mai 2020) = 0.6

Ri5. Constantin-Daniel OANCEA, Constantin OANCEA

Lead-free soldering technology, "Environmental Pollution and its impact on public health" International Conference under the auspices of the Romanian Academy of Sciences, 16-19 July, 2008, Brasov, Romania, ISBN 978-973-598-324-6, publicat în Journal of Environmental Protection and Ecology, Sofia, Bulgaria, pag. 98-105, vol 12, nr.1, 2011, ISSN 1311-5065, Accession Number: WOS:000289447600013. Impact Factor (Mai 2020) = 0.634

Ri6. Leonas Ciulinaru, Constantin-Daniel OANCEA, Adriana Florescu, Melania Naumof, Adrian Nedelcu A Virtual Tool for Continuous Monitoring of the Power Network Electrical Frequency, International Review of Electrical Engineering (IREE), Vol. 4, no. 2, March – April 2009, pag. 206 – 210, Praise Worthy Prize S.r.l., Naple, Italy, ISSN 1827-6660, Accession Number: WOS:000266308000007. Impact Factor 1.364 (Mai2020), revista Q2

Ri7. Constantin VLAICU, Adriana Florescu, Constantin-Daniel OANCEA, Constantin Rădoi Calibration System for Electric Energy Quality Measurement Equipment, International Review of Electrical Engineering (IREE), Vol. 5, no. 5, Part B, September – October 2010, pag. 2171 – 2176, Praise Worthy Prize S.r.l., Naple, Italy, ISSN 1827-6660, Accession Number: WOS:000285860400004. Impact Factor 1.364 (Mai2020), revista Q2

Ri8. Ciprian Mihai Coman, Adriana Florescu, Constantin Daniel Oancea, Improving the Efficiency and Sustainability of Power Systems Using Distributed Power Factor Correction Methods, Special Issue Efficiency and Sustainability of the Distributed Renewable Hybrid Power Systems Based on the Energy Internet, Blockchain Technology and Smart Contracts, Sustainability 2020, 12, Article Number: 3134, Volume 12, Issue 8 (April-2 2020), pp. 1-20, ISSN 2071-1050, DOI: 10.3390/su12083134, WOS:000535598700067, CODEN: SUSTDE, Impact Factor: 2.592 (2018) ; 5-Year Impact Factor: 2.801 (2018), Environmental Sciences Q2 (Quartile in Category).

$(25+30*2,8)/3=36,33$

Ri9. Ciprian Mihai Coman, Adriana Florescu, Constantin Daniel Oancea Assessment of Energy Use Based on an Implementation of IoT, Cloud Systems, and Artificial Intelligence, ENERGIES, Volume14, Issue11, Article Number3202, DOI10.3390/en14113202, JUN 2021, eISSN1996-1073, WOS:000659844800001, (impact factor =3).

$(25+30*3)/3=38,33$

Vi1. **Constantin-Daniel OANCEA**

Aspects of renewable energy supply to small consumers, EPE 2012, The 7th International Conference and Exposition on Electrical and Power Engineering, Faculty of Electrical Engineering, „Gheorghe Asachi” Technical University of Iasi & IEEE Romania Section, October 25-27, 2012, Iasi, Romania, Publish in Proceedings of the 2012 International Conference and exposition on Electrical and Power Engineering, pag. 964-967, ISBN 978-1-4673-5001-3, IEEE Catalog Number CFP1247S-PRT, conference record #20301, Digital Object Identifier: 10.1109/ICEPE.2012.6463809, 978-1-4673-1172-4/12, WOS:000324685300176.

Vi2. **Constantin-Daniel Oancea**

Virtual tool for circuit breakers performance evaluation, The 8th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE 2013, Politehnica University of Bucharest, Bucharest, May 23-25, 2013, IEEE Catalog Number CFP1314P-CDR, ISBN 978-1-4673-5978-8, ISBN: 978-146735980-1/ 978-1-4673-5979-5, SCOPUS DOI: 10.1109/ATEE.2013.6563533, Article number 6563533, WOS:000332928500187. numar de pagini: 4.

Vi3. **Constantin-Daniel Oancea**, Dan Olaru

Short Circuit Current Amplitude Estimation using Virtual Instrumentation, The 8th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE 2013, Politehnica University of Bucharest, Bucharest, May 23-25, 2013, IEEE Catalog Number CFP1314P-CDR, ISBN 978-1-4673-5980-1/978-1-4673-5979-5, Category number CFP1314P-ART, Code 99883, EBSCO ELSEVIER access number: edselc.2-52.0-84885231606, SCOPUS DOI: 10.1109/ATEE.2013.6563536, Article number 6563536, WOS:000332928500190. numar de pagini: 4.

Vi4. Florin Călin, **Constantin-Daniel Oancea**, Data acquisition system for testing the insulation between the stator laminations of high power electrical machines, The 8th International Conference and Exposition on Electrical and Power Engineering, EPE 2014, Faculty of Electrical Engineering, „Gheorghe Asachi” Technical University of Iasi & IEEE Romania Section, October 16-18, 2014, Iași, Romania, Publish in Proceedings of the 2014 International Conference and exposition on Electrical and F

ISBN 978-1-4799-5848-1, IEEE Catalog Number CFP1447S-USB, WOS:000353565300130, ISBN:978-1-4799-5849-8, ISSN: 2471-6855. numar de pagini: 5

Vi5. **Constantin-Daniel OANCEA**, Cerasela DINU, LEM transducers interface for voltage and current monitoring, Advanced Topics in Electrical Engineering (ATEE), 2015 9th International Symposium on, 7-9 May 2015, Pages: 949 – 952, DOI: 10.1109/ATEE.2015.7133947, Electronic ISBN: 978-1-4799-7514-3, USB ISBN: 978-1-4673-8093-5, Print on Demand(PoD) ISBN: 978-1-4799-7515-0, Print ISSN: 2068-7966, INSPEC Accession Number:15240910, WOS:000368159800176, ISBN:978-1-4799-7514-3.

Vi6. Constantin VLAICU, **Constantin-Daniel OANCEA**

The Study of Possibility to Use the Current Transformer for Power Conversion, 2016 International Conference on Electrical and Power Engineering EPE 2016, Iași, 20-22 October 2016, IEEE Catalog Number CFP1647S-USB, ISBN 978-1-5090-6128-0, INSPEC Accession Number: 16525907, DOI: 10.1109/ICEPE.2016.7781448, WOS:000390706300158, ISBN:978-1-5090-6128-0, ISSN: 2471-6855. numar de pagini: 4.

Vi7. Florin Ciprian ARGATU, **Constantin-Daniel OANCEA**

An Analysis of Influence of Different Type of Light Sources to the Power Quality, 2016 International Conference on Electrical and Power Engineering EPE 2016, Iași, 20-22 October 2016, IEEE Catalog Number CFP1647S-USB, ISBN 978-1-5090-6128-0, INSPEC Accession Number: 16525889, DOI: 10.1109/ICEPE.2016.7781451, WOS:000390706300161, ISBN:978-1-5090-6128-0, ISSN: 2471-6855. pp. 823-826.

Vi8. Laurentiu Dumitran, **Constantin-Daniel Oancea**, Gabriela Elena Dumitran

Experimental Study of Air Dehumidification in an Electrostatic Wire-Cylinder Condenser, The 10th International Symposium on, ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE 2017, Politehnica University of Bucharest, Bucharest, March 23-25, 2017, p.440-443, IEEE Catalog Number CFP1714P-USB, ISBN 978-1-5090-5159-5, ISBN: 978-1-5090-5160-1/17, WOS:000403399400086, ISBN:978-1-5090-5160-1, ISSN: 1843-8571.

Vi9. Viorel Constantin Petre, **Constantin-Daniel Oancea**

Case Study for Designing a Battery Charger with Minimum Required Components, The 10th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE 2017, Politehnica University of Bucharest, Bucharest, March 23-25, 2017, p. 637-640, IEEE Catalog Number CFP1714P-USB, ISBN 978-1-5090-5159-5, ISBN: 978-1-5090-5160-1/17, WOS:000403399400124, ISBN:978-1-5090-5160-1, ISSN: 1843-8571.

Vi10. **Constantin-Daniel OANCEA**

Power Factor Evaluation in Data Acquisition Systems, The 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS'2017, 21-23 September, 2017, Bucharest, Romania, DOI: 10.1109/IDAACS.2017.8095127, WOS:000425869000087, Electronic ISBN: 978-1-5386-0697-1, CD-ROM ISBN: 978-1-5386-0694-0, Print on Demand(PoD) ISBN: 978-1-5386-0698-8, pp. 481-484.

Vi11. **Constantin-Daniel OANCEA**

Analysis of the performance of the mark-space method for determining the power in single-phase circuits, The 11th International Conference on Electromechanical and Power Systems, 11 October, Iași, Romania, 12-13 October, 2017, Chișinău, Rep. Of Moldova, IEEE Xplore® system (Conference Record #41311), DOI: 10.1109/SIELMEN.2017.8123365, WOS:000426906000086, Electronic ISBN: 978-1-5386-1846-2, USB ISBN: 978-1-5386-1845-5, Print on Demand(PoD) ISBN: 978-1-5386-1847-9, pp. 448-451.

Ri19.

Vi12. **Constantin-Daniel OANCEA**, Viorel Constantin Petre, Valentin Boicea

Testing Equipment for DC Motor, 2018 International Conference on Electrical and Power Engineering EPE 2018, Iași, 18-19 October 2018, Book Series: International Conference and Exposition on Electrical and Power Engineering Pages: 17-20, IEEE Xplore® system (Conference Record #43946), IEEE Catalog Number: CFP1847S-ART, INSPEC Accession Number: 18322278, DOI: 10.1109/ICEPE.2018.8559839, WOS: 000458752200004, Electronic ISBN: 978-1-5386-5062-2, USB ISBN: 978-1-5386-5061-5, Print on Demand(PoD) ISBN: 978-1-5386-5063-9.

Vi13. **Constantin-Daniel OANCEA**

Aspects of Voltage Distribution in Capacitor Batteries, 2018 International Conference on Electrical and Power Engineering EPE 2018, Iași, 18-19 October 2018, Book Series: International Con 

Exposition on Electrical and Power Engineering Pages: 139-142, IEEE Xplore® system (Conference Record #43946), IEEE Catalog Number: CFP1847S-ART, INSPEC Accession Number: 18322353, DOI: 10.1109/ICEPE.2018.8559909, WOS: 000458752200026, Electronic ISBN: 978-1-5386-5062-2, USB ISBN: 978-1-5386-5061-5, Print on Demand(PoD) 978-1-5386-5063-9, ISSN: 2471-6855.

Vi14. Viorel Petre, **Constantin-Daniel OANCEA**

Educational Platform for LCD Displays, 10th International Conference and Expositions on Electrical and Power Engineering (EPE), Iasi, ROMANIA, OCT 18-19, 2018, International Conference and Exposition on Electrical and Power Engineering, Pages: 42-45, IEEE Xplore® system (Conference Record #43946), IEEE Catalog Number: CFP1847S-ART, INSPEC Accession Number: 18322201, DOI: 10.1109/ICEPE.2018.8559889, WOS:000458752200008, ISBN:978-1-5386-5062-2, ISSN: 2471-6855.

Vi15. **Constantin-Daniel OANCEA**, Viorel Petre, Valentin A. Boicea

Educational and Experimental Study for Evaluation of an Universal Motor, THE XIth INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING, March 28-30, 2019, Bucharest, Romania Series: International Conference and Exposition on Electrical and Power Engineering Pages: 1-4, IEEE Xplore® system (Conference Record # 46317XP), DOI: 10.1109/ATEE.2019.8724929, Accession Number: WOS:000475904500086, Electronic ISBN: 978-1-7281-0101-9, USB ISBN: 978-1-7281-0100-2, Print on Demand(PoD) ISBN: 978-1-7281-0102-6, Electronic ISSN: 2159-3604, Print on Demand(PoD) ISSN: 2068-7966.

Vi16. Valentin A Boicea, Dorian O Sidea, Radu Plamanescu, Ana-Maria Dumitrescu, **Constantin Daniel Oancea**, Viorel Petre

DFACTS Devices in Asymmetrical Power Grids: a Case Study, THE XIth INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING, March 28-30, 2019, Bucharest, Romania Series: International Conference and Exposition on Electrical and Power Engineering Pages: 1-6, IEEE Xplore® system (Conference Record # 46317XP), DOI: 10.1109/ATEE.2019.8724937, Accession Number: WOS:000475904500094, Electronic ISBN: 978-1-7281-0101-9, USB ISBN: 978-1-7281-0100-2, Print on Demand(PoD) ISBN: 978-1-7281-0102-6, Electronic ISSN: 2159-3604, Print on Demand(PoD) ISSN: 2068-7966.

Vi17. **Constantin-Daniel OANCEA**,

GSM Infrastructure Used for Data Transmission, The 7st Internationally Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Politehnica University of Bucharest, Bucharest, May 12-14, 2011, p.253-256, Politehnica Press, ISSN 2068-7966, Print ISBN: 978-1-4577-0507-6, IEEE Conference, IEEE Catalog Number CFP1114P-CDR, INSPEC Accession Number: 12119007. Accession Number: WOS:000310701200103.

Vi18. **Constantin Daniel Oancea**, Florin Calin, Valentin Golea,

On the Electromagnetic Field in the Surrounding Area of Railway Equipment and Installations, 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN, 9th Oct. Craiova, 10th - 11th Oct. Chisinau, 2019, INSPEC Accession Number: 19172134, DOI: 10.1109/SIELMEN.2019.8905871, Electronic ISBN: 978-1-7281-4011-7, USB ISBN: 978-1-7281-4010-0, Print on Demand(PoD) ISBN: 978-1-7281-4012-4, WOS:000630287500079.
(25+30*0,25)/3=10,83

Vi19. **Constantin Daniel Oancea**, Florin Calin, Valentin Golea,

Analysis of the Influences of the Electromagnetic Field Produced by an Electrified Railway Section, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), 12-14 Nov. 2020, DOI: 10.1109/EEAE49144.2020.9279005, Ruse, Bulgaria, INSPEC Accession Number: 20279237, Electronic ISBN:978-1-7281-0362-4, USB ISBN:978-1-7281-0361-7, Print on Demand(PoD) ISBN:978-1-7281-0363-1, SCOPUS (36714022000), Category number CFP20V95-ART, Code 165935, WOS:000659299700046.
(25+30*0,25)/3=10,83

Vi20. **Constantin Daniel Oancea**, Florin Calin

Possibilities to Reduce the Transient Regime for Some Circuits Connected to the Single-Phase Network, 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 25-27 March 2021, DOI: 10.1109/ATEE52255.2021.9425239, Bucharest, Romania, Electronic ISBN:978-1-6654-1878-2, USB ISBN:978-1-6654-1877-5, Print on Demand(PoD) ISBN:978-1-6654-4807-2, Electronic ISSN: 2159-3604, Print on Demand(PoD) ISSN: 2068-7966, WOS:000676164800104.

$(25+30*0,25)/2=16,25$

Vi21. **Constantin Daniel Oancea**, Dan Olaru, Ciprian Mihai Coman, Adriana Florescu
Signal Source Location Problem in the Case of Sensor Network, 2021 12th International Symposium on
Advanced Topics in Electrical Engineering (ATEE), 25-27 March 2021, DOI:
10.1109/ATEE52255.2021.9425111, Bucharest, Romania, Electronic ISBN:978-1-6654-1878-2, USB
ISBN:978-1-6654-1877-5, Print on Demand(PoD) ISBN:978-1-6654-4807-9, Electronic ISSN: 2159-3604,
Print on Demand(PoD) ISSN: 2068-7966, WOS:000676164800037.
 $(25+30*0,25)/4=8,12$

**Total WOS: 4 * 22,01 (J.E.P.E.) + 1 * 44,02 (J.E.P.E.) + [6 * 32,5 + 7*16,25 +
3*10,83+8,12+10,83+10,83+16,25] (Conferinte) + 13,184 (Q2) + 16,48 (Q2)+36,33(Q2)+38,33 = 629,08**

A2.2 Articole în reviste, și în volumele unor manifestari științifice indexate în alte baze de date internaționale recunoscute (BDI)

Vi1. Melania Naumof, Leonas Ciulinaru, **Constantin-Daniel Oancea**
Sources of uncertainties in power line communication system modeling, Telecommunication Forum
(TELFOR), 22-24 Nov. 2011, 19th, SAVA CENTER, Belgrade, Serbia, p. 558-561, ISBN: 978-1-4577-
1498-6, IEEEExplore Digital Object Identifier DOI: 10.1109/TELFOR.2011.6143610, IEEE Catalog
Number CFP1198P-CDR, Code 88680, INSPEC Accession Number: 12538490 Scopus, Numar de acces
86473920 EBSCO.

Vi2. **Constantin-Daniel Oancea**, Florin Calin
Circuit Breaker Test Equipment, 9th INTERNATIONAL CONFERENCE ON ELECTROMECHANICAL
AND POWER SYSTEMS, SIELMEN 2013, Iași-Chișinău, October 16-18, 2013, Editura PIM, CD
PROCEEDINGS – ISBN 978-606-13-1560-4, pag. 161-164, publicat în Analele Universității din Craiova,
Seria: Inginerie Electrică, Anul 37, Nr. 37, 2013, pag. 29-33, Editura Universitaria, Craiova, ISSN 1842-
4805, Index Copernicus ICID: 1088930.

Vi3. **Constantin-Daniel Oancea**, Florin Calin
Lead Acid Battery Pack Charging Optimization, Analele Universității din Craiova, Seria: Inginerie
Electrică, Anul 39, Nr. 39, Decembrie 2015, pag. 125-130, Editura Universitaria, Craiova, ISSN 1842-
4805, Index Copernicus ICID: 1194175. cod CNCSIS 174.

Vi4. **Constantin-Daniel OANCEA**
Estimation of Certain Power in Single-phase Network and DC Circuits, Annals of the University of
Craiova, Electrical Engineering series, p. 48-53, No. 41, Issue 1, Universitaria Printing House, 2017; ISSN
1842-4805, Indexed in the ICI (Index Copernicus International) Journal Master List 2016, ICV 2016: 61.86.
cod CNCSIS 174.

Vi5. **Oancea, C.-D.**, Data correlation in sensor networks, 22nd IMEKO TC4 International Symposium and
20th International Workshop on ADC Modelling and Testing 2017: Supporting World Development
Through Electrical and Electronic Measurements, Volume 2017-September, 2017, Pages 110-113, 22nd
IMEKO TC4 International Symposium and 20th International Workshop on ADC Modelling and Testing
2017: Supporting World Development Through Electrical and Electronic Measurements; Iasi; Romania; 14
September 2017 through 15 September 2017; Code 134087, ISBN: 978-151084976-1.

Vi6. **Oancea, C.-D.**, Tudorache, T., Conditioning circuit for assessing the performance of renewable
energy sources, 22nd IMEKO TC4 International Symposium and 20th International Workshop on ADC
Modelling and Testing 2017: Supporting World Development Through Electrical and Electronic
Measurements, Volume 2017-September, 2017, Pages 457-460, 22nd IMEKO TC4 International
Symposium and 20th International Workshop on ADC Modelling and Testing 2017: Supporting World
Development Through Electrical and Electronic Measurements; Iasi; Romania; 14 September 2017 through
15 September 2017; Code 134087, ISBN: 978-151084976-1.

Vi7. **Constantin Daniel Oancea**, Florin Calin, Valentin Golea,
On the Electromagnetic Field in the Surrounding Area of Railway Equipment and Installations, 12th
INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY
SYSTEMS, SIELMEN, 9th Oct. Craiova, 10th - 11th Oct. Chisinau, 2019, INSPEC Accession Number:
19172134, DOI: 10.1109/SIELMEN.2019.8905871, Electronic ISBN: 978-1-7281-4011-7; USB ISBN:
978-1-7281-4010-0, Print on Demand(PoD) ISBN: 978-1-7281-4012-4.

Vi8. **Constantin-Daniel OANCEA**

Estimation of Certain Power in Single-phase Network and DC Circuits, Annals of the University of Craiova, Electrical Engineering series, p. 48-53, No. 41, Issue 1, Universitaria Printing House, 2017; ISSN 1842-4805, Indexed in the ICI (Index Copernicus International) Journal Master List 2016, ICV 2016: 61.86, cod CNCSIS 174. 20

Vi9. **Constantin Daniel OANCEA**, Sabin CODREA, Adrian-Mihai ALEXEI, Marin DUMITRU, Daniel ȘUTEU

ON THE USE OF SUPER CAPACITORS FOR ELECTRIC MOTORS POWER SUPPLY, SCIENTIFIC RESEARCH AND EDUCATION IN THE AIR FORCE – AFASES 2019, p. 160-165, ISSN 2247-3173, DOI:10.19062/2247-3173.2019.21.22, Brasov, Romania. 20/5=4

Vi10. **Constantin Daniel OANCEA**,

Gathering of Motion Data from an Arm, EPE 2020 - Proceedings of the 2020 11th International Conference and Exposition on Electrical And Power Engineering, 22 October 2020, Article number 9305649, Pages 142-145, 11th International Conference and Exposition on Electrical And Power Engineering, EPE 2020; Iasi; Romania; 22 October 2020 through 23 October 2020; SCOPUS Category number CFP2047S-ART; Code 167314, DOI: 10.1109/EPE50722.2020.9305649, Electronic ISBN:978-1-7281-8126-4, USB ISBN:978-1-7281-8125-7, Print on Demand(PoD) ISBN:978-1-7281-8127-1, Electronic ISSN: 2644-223X, Print on Demand(PoD) ISSN: 2471-6855. 20

Vi11. **Constantin Daniel Oancea**, Florin Calin

The Design and Analysis of a Control Circuit of the Offset from the Voltage Zero Crossing, 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 6-8 Oct. 2021, DOI: 10.1109/SIELMEN53755.2021.9600294, Iasi, Romania, Electronic ISBN:978-1-6654-0078-7, Print on Demand(PoD) ISBN:978-1-6654-0079-4. 20/2=10

Total BDI: $2 * 20 + 3 * 10 + 2 * 6,67 + 54 = 137.33$

A2.3.2 Proprietate intelectuală, brevete de invenție, certificate ORDA - nationale (OSIM)

B1. Dan Olaru, Constantin-Daniel Oancea, nr. 118487 , “Metodă și dispozitiv de înregistrare rapidă a semnalelor” "Rapid digital memory based signals indication employs a double polarity comparator with time and memory circuits for e.g. portable oscilloscopes recording", hotărârea nr. 6/047 din 28.03.2003 a O.S.I.M. București, Derwent Primary Accession Number: 2003-624576 [59], International Patent Classification: G01R-013/02; G06F-003/05; H03M-001/50.

Total 2.3.2.: 12,5

A2.4.1.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați (Director / responsabil partener) - naționale

Pn1. Utilizarea tehnicii de calcul moderne pentru măsurarea mărimilor electrice și neelectrice

Contract cercetare nr. 6111/tema B90/2000 ANSTI

Responsabil contract: as. drd. ing. Constantin-Daniel Oancea

Pn2. “Proiecte de mobilitate pentru cercetatori – MC”; “Power Factor Evaluation in Data Acquisition Systems”

Research contracts cod PN-III-P1-1.1-MC-2017-1046

Project manager: Assoc. Prof. Constantin-Daniel Oancea

Time period: 1 Septembrie 2017 – 31 Martie 2018

Pi1. MEPHIFA - Monitoring environmental parameters and human influence in forest areas This work was supported in part by the European Commission through Asociación de Empresas Tecnológicas Innovalia under HORIZON 2020 RESEARCH AND INNOVATION FRAMEWORK PROGRAMME, Grant DIH-World and by Tesagon Intern † October 15th 2021– April 15th 2022.

Total 2.4.1.2. : 15+10=25

A2.4.2.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] în calitate de director sau responsabil contract (Membru în echipă) - internaționale

Pi1. TEQUITA. "Tequita" este un proiect elaborat în cadrul programelor „Leonardo da Vinci” ale Comunității Europene, între 1 noiembrie 1998 și 5 aprilie 2001. Participanții la proiect sunt grupuri de parteneri din Germania, Anglia, Austria și România. Obiectivul grupului de lucru roman, coordonat de Universitatea „Politehnica” din București, l-a constituit conceperea unui program educațional privind folosirea tehnicilor multimedia de comunicare interactivă pe Internet în special de către întreprinderile mici și mijlocii (IMM-uri). Denumirea „Tequita” provine din titlul formulat de coordonatorul german al proiectului: „TEAMORIENTIERTE QUALIFIZIERUNGSMODELLE FÜR INFORMATION- UND TELEKOMMUNIKATIONSAUSBILDUNG”.

Director proiect pentru Romania: Prof. Dr. Ing. Aurelian Craciunescu
Proiect pilot D/98/2/05157/PI/II.1.1.a/CONT

Pi2. DISNOTECH. Acest proiect pilot elaborate în cadrul programelor „Leonardo da Vinci”, finanțat de Comunitatea Europeană, a avut ca scop realizarea unor modulelor de pregătire postuniversitară destinate ridicării calificării inginerilor și a altor specialiști în domeniile:

- Tehnologii informatice utilizate în echipamentele electrotehnice complexe – TI;
- Tehnologia fibrelor optice utilizată în echipamentele electrotehnice complexe – FO;
- Electronica de putere utilizată în tehnologii și echipamente neconventionale – EP.

Denumirea provine din prescurtarea titlului în franceză “Strategies de dissemination de nouvelles technologies utilisees dans les equipements electrotechniques complexes informatises”.

Director proiect: Prof. Dr. Ing. Constantin Vlaicu
Proiect pilot RO/98/2/06466/PI/II.1.1.c/FPC

Total 2.4.2.1: 24

A2.4.2.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați în calitate de director sau responsabil contract (Membru în echipă) - naționale

Pn1. Sistem electrotermic bazat pe conversia energiilor solara și eoliana Bridge Grant Programme – PNCDI III, financed by MEN – UEFISCDI, proiect no. 68BG/2016

Durata proiectului: 1.11.2016 – 31.12.2017

Director de proiect: Prof. Dr. Ing. Tiberiu Tudorache

Pn2. Turbina eoliana hibrida cu ax vertical, Grant PN II Parteneriate, nr. 41/2014, beneficiar UEFISCDI, perioada 2014-2016,

Director de proiect: Prof. Dr. ing. Tiberiu Tudorache

Pn3. SISTEM HIBRID DE PRODUCERE A ENERGIEI ELECTRICE UTILIZAND SURSE REGENERABILE

Contract cercetare nr. Nr. 21-075/18.09.2007 PNCDI II Parteneriate, gestionat de CNMP (Centrul National de Management Programe)

Durata proiectului: 18.09.2007 – 29.10.2010

Institutia coordonatoare: UNIVERSITATEA POLITEHNICA DIN BUCURESTI (UPB)

Institutiile partenere:

1. Institutul de Cercetari pentru Masini Electrice (SC ICPE-ME SA)
2. Institutul de Cercetare și Proiectare pentru Sisteme de Actionari Electrice și Redresoare de Putere (SC ICPE-SAERP SA)
3. ACADEMIA TEHNICA MILITARA DIN BUCURESTI (ATM)
4. CENTRUL PENTRU PROMOVAREA ENERGIEI CURATE SI EFICIENTE IN ROMANIA (ENERO)

Director de proiect: Conf. Dr. ing. Tiberiu Tudorache

Pn4. OPTIMIZAREA ENERGETICA SI FUNCTIONALA A CONVERTOARELOR ELECTRONICE DE PUTERE PRIN METODE SI SISTEME AVANSATE DE INTELIGENTA ARTIFICIALA

Contract cercetare nr ID_1893/25.02.2008 UEFISCU (2009-2011); (cod ID 1693/25.02.2008 alocat la depunerea proiectului castigat prin competitie de catre autoritatea contractanta UEFISCDI si nr. intern 640/15.01.2009 dat contractului de finantare de catre contractorul UPB

Director de proiect: Conf. Dr. Ing. Adriana FLORESCU

Pn5. Elaborarea de modele de laborator de echipamente ce încorporează tehnologii informatice și software-ului necesar

Contractul cercetare nr. GR:139/02.06.2006

Tema nr. 88, Cod CNCISIS: 1423

Director de proiect: Prof. dr. ing. Constantin Vlaicu

Pn6. Cercetări privind utilizarea instrumentelor virtuale în domeniul sistemelor distribuite de măsurare și monitorizare a echipamentelor electrotehnice

Research contracts no 33084/2004, tema A123/UPB/CNCSIS

Project manager: Prof. dr. ing. C. Vlaicu

Pn7. Cercetari privind utilizarea tehnologiilor informatice si a sistemelor distribuite de masurare in constructii electrotehnice

Contract cercetare 34694/24.06.2005, tema 97/CNCSIS 1423

Responsabil contract: prof. dr. ing. C. Vlaicu

Pn8. Cercetarea, proiectarea și realizarea unei instalații modernizate pentru defectoscopia prin analiza răspunsului în frecvență

Research contracts no 99/2002; UPB/ICEMENERG

Project manager: Prof. dr. ing. C. Vlaicu

Pn.9. Echipament pentru testarea sistemelor industriale de protecție, Contract cercetare 836/tema B42/1999 UPB-MCT,

Responsabil contract: s.l. dr. ing. Mihaela Albu, 1999.

Pn10. Studiul și analiza comportării transformatoarelor de măsurare în regimuri de funcționare complexe în vederea creșterii preciziei de măsurare a puterii și energiei electrice, Contract cercetare nr. 5 UPB/CIEAC-IDEB, Responsabili contract: prof. dr. ing. C. Golovanov, s.l. dr. ing. Mihaela Albu, 1999-2000.

Pn11. Laborator virtual pentru procesarea semnalelor din sistemele de măsurare, grant ANSTI B1-T-150//2000 și 6111/2000/A53. Director: dr. Mihaela Albu, 2000-2001.

Pn12. Experimentare la distanță în electroenergetică., grant CNCSIS 134/ CNCSIS 112/34967/2001 și continuare 2002. Director: dr. Mihaela Albu, 2001-2002.

Pn13. Amplificator de putere pentru testarea transformatoarelor de măsurare în domeniul frecvență, contract A47/2000 UPB-MCT, Director dr. Mihaela Albu, 2000.

Total 2.4.2.2.: 40.00

Total A1: 40 + 24 + 25 + 12,5 + 137,33 + 629,08 = 867,91

Recunoașterea și impactul activității (A3)

A3.1.1 Citări în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI

Nr. Crt.	Articol	Citat in
1 8/4*2 =4	Title: Calibration System for Electric Energy Quality Measurement Equipment Author(s): Vlaicu, C. ; Florescu, A. ; Oancea, C. D. ; Radoi C.. Source: INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE Volume: 5 Issue: 5 Pages: 2171-2176 Part: B Published: SEP-OCT 2010 Accession Number: WOS:000285860400004	Title: Analysis and Performance of a High-Efficiency Transformerless Hybrid Active Filter Author(s): Parkatti, Perttu; Tuusa, Heikki; Saren, Hannu; Kuusela Kost, Björkman Michael. Source: INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE Volume: 6 Issue: 2 Pages: 537-546 Part: A Published: MAR-APR 2011, Accession Number: WOS:000291413400010 Title: Experimental Comparison of Current Source and Voltage Source Active Filters it hand without the Series-Connected Capacitor Author(s): Parkatti, Perttu; Tuusa, Heikki Source: INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE Volume: 6 Issue: 1 Pages: 149-159 Part: A Published: JAN-FEB 2011, Accession Number: WOS:000289220500018
2 8/2 =4	Title: LEAD-FREE SOLDERING TECHNOLOGY Author(s): Oancea, C. D. ; Oancea, C. Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 12 Issue: 1	Zivkovic, D., Begovic, E., Kostov, A., Ekinovic, S. ADVANCED TRENDS IN DESIGN OF LEAD-FREE ALTERNATIVE FOR TRADITIONAL FREE MACHINING BRASSES JOURNAL OF ENVIRONME OTECTION

	Pages: 98-105 Published: 2011 Accession Number: WOS:000289447600013	AND ECOLOGY 1311-5065 2012, WOS:000313926300033
3 8*3 =24	Oancea, CD TI SEMICONDUCTOR LIGHT EMITTING DEVICES SO JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY 1311-5065, 2010, WOS:000282925000037	Title: SOLAR ENERGY-POWERED PHOSPHORESCENT COMPOSITES FOR UTILITARIAN AND EMERGENCY LIGHTNING Author(s): Stan, C. S.; Sibiescu, D.; Cretescu, I. Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 13 Issue: 2 Pages: 666-673 Published: 2012 Accession Number: WOS:000306252600028 Title: Inductive coil influence on output ripples of current supply Author(s): R. B. Dragomir ;R. Dragomir ; B. Pantelimon Source: 2013 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Date of Conference:23-25 May 2013, Page(s):1 – 6 ISSN :2068-7966, Print ISBN:978-1-4673-5979-5 INSPEC Accession Number: 13778627 Conference Location :Bucharest DOI: 10.1109/ATEE.2013.6563505 Publisher: IEEE Accession Number: WOS:000332928500159 Chen, Wendou; Zhang, Hui; Chen, Tianyu; Yang, Limeng; Wu, Hailiang; Tong, Zhi; Mao, Ningtao TiO2 modified orthocortical and paracortical cells having enhanced photocatalytic degradation and photoreduction properties, NANOTECHNOLOGY, 0957-4484, 1361-6528, 2021, 10.1088/1361- 6528/abbcab, WOS:000581807800001
4 8/5 =1,6	Title: A Virtual Tool for Continuous Monitoring of the Power Network Electrical Frequency Author(s): Ciulinaru, Leonas ; Oancea, Constantin-Daniel ; Florescu, Adriana ; M. N.; A. N.. Source: INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING- IREE Volume: 4 Issue: 2 Pages: 206- 210 Published: MAR-APR 2009 Accession Number: WOS:000266308000007	Title: Fuzzy Clustering Techniques for the Analysis of PQ Data in Electrical Power Distribution System Author(s): Paracha, Zahir J.; Kalam, Akhtar Source: INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE Volume: 5 Issue: 5 Pages: 2152-2158 Part: B Published: SEP- OCT 2010,Accession Number: WOS:000285860400002
5 8/2*2 =8	Constantin-Daniel OANCEA, Constantin VLAICU DC power supply from power line network, "THE QUALITY OF LIFE AND ENVIRONMENT: A MUST FOR	Title: PV charging systems for remote rural areas with elementary and self – lift SEPIC converters Author(s): F. Adriana; B. A. Dan ; P. Ana-Maria ; S. Dan Source: Published in: <u>F</u> <u>als of Electrical</u>

	<p>THE EUROPEAN INTEGRATION” International Conference 13-15 October 2006, Constanta, Romania, publicat în Journal of Enviromental Protection and Ecology, Sofia, Bulgaria, p. 98-104, vol 9, nr.1, 2008, ISSN 1311-5065, WOS:000255086100012.</p>	<p>Engineering (ISFEE), 2014 International Symposium on Date of Conference:28-29 Nov. 2014, Page(s):1 – 6 Print ISBN: 978-1-4799-6820-6, INSPEC Accession Number:14949263 Conference Location :Bucharest DOI: 10.1109/ISFEE.2014.7050577 Publisher:IEEE Accession Number: WOS:000380570500045 ISBN:978-1-4799-6821-3</p> <p>Title: CONSIDERATIONS CONCERNING GEOTHERMAL ENERGY STORAGE USING A HEAT ACCUMULATOR By: Giurma, I.; Craciun, I.; Giurma-Handley, C. R.; et al. JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 15 Issue: 4 Pages: 1759-1766 Published: 2014, Accession Number: WOS:000348254600026 ISSN: 1311-5065</p>
<p>6 8*3 =24</p>	<p>Constantin-Daniel OANCEA, GSM Infrastructure Used for Data Transmission, The 7st Internationally Symposium on Advanced Topics in Electrical Engineering, ATEE 2011, Politehnica University of Bucharest, Bucharest, May 12-14, 2011, p.253-256, Politehnica Press, ISSN 2068-7966, Print ISBN: 978-1-4577-0507-6, IEEE Conference, IEEE Catalog Number CFP1114P-CDR, INSPEC Accession Number: 12119007. Accession Number: WOS:000310701200103.</p>	<p>Title:, "Exploration and comparison of different 4G technologies implementations: A survey", Engineering and Computational Sciences (RAECS) 2014 Recent Advances in, pp. 1-6, 2014. Author(s): Parul Datta, Sakshi Kaushal Date of Conference: 6-8 March 2014 Electronic ISBN: 978-1-4799-2291-8 CD-ROM ISBN: 978-1-4799-2290-1 INSPEC Accession Number: 14254461 DOI: 10.1109/RAECS.2014.6799517 Publisher:IEEE Accession Number: WOS:000351283300021</p> <p>Title: Simple GSM base station based on universal software radio peripheral Author(s) Zhilin Li ; Jian Tang ; Xuejie Zhu ; Caihong Kai Date of Conference: 11-13 July 2014 Electronic ISBN: 978-1-4799-2696-1 CD-ROM ISBN: 978-1-4799-2695-4 Print on Demand(PoD) ISBN: 978-1-4799-2697-8 INSPEC Accession Number: 14761558 DOI: 10.1109/ICCCNT.2014.6963047 Publisher: IEEE Accession Number: WOS:000380488900059</p> <p>Title: Distributing Monitor System Based on WIFI and GSM Supporting SCPI Authors: Han, Xingyue; Zhao, Chunhui Conference: 13th International Symposium on Distributed Computing and Applications to Business, Engineering and Science (DCABES) Date of Conference: 24-27 Nov. 2014 Electronic ISBN: 978-1-4799-4169-8</p>

		<p>CD-ROM ISBN: 978-1-4799-4170-4 INSPEC Accession Number: 14839693 DOI: 10.1109/DCABES.2014.59 Publisher: IEEE Accession Number: WOS:000393420900058</p>
7 8/2*4 =16	<p>Oancea, Constantin Daniel ; Dinu, Cerasela, LEM Transducers Interface for Voltage and Current Monitoring 2015 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Page 949-952 Published 2015, Accession Number: WOS:000368159800176, ISBN:978-1-4799-7514-3</p>	<p>Szczesniak, Pawel, Challenges and Design Requirements for Industrial Applications of AC/AC Power Converters without DC-Link, ENERGIES, Volume: 12 Issue: 8, Article Number: 1581, DOI: 10.3390/en12081581, Published: APR 2 2019, Accession Number: WOS:000467762600174, ISSN: 1996-1073</p> <p>Gong, Wenke, Huang, Jiye, Gao, Mingyu, He, Zhiwei, Current Sampling Design of Six-Axis Robot Servo System Based on FPGA, 2018 IEEE 4TH INTERNATIONAL CONFERENCE ON CONTROL SCIENCE AND SYSTEMS ENGINEERING (ICCSSE 2018), Book Group Author(s):IEEE, Pages: 76-80, Published: 2018, Accession Number: WOS:000475666600014, ISBN:978-1-5386-7887-9</p> <p>De Santis, Dario; Giampetruzzi, Domenico Aldo; Abbatantuono, Gaetano; La Scala, Massimo; Smart Metering for Low Voltage Electrical Distribution System using Arduino Due, 2016 IEEE WORKSHOP ON ENVIRONMENTAL, ENERGY, AND STRUCTURAL MONITORING SYSTEMS (EESMS), Book Group Author(s):IEEE, Published: 2016, Location: Bari, ITALY, Date: JUN 13-14, 2016, Accession Number: WOS:000386794700044, ISBN:978-1-5090-2370-7; 978-1-5090-2369-1</p> <p>Huang, M, Wang, HR, Bai, LJ, Li, K, Bai, J, Zha, XM, Overview of recent progress in condition monitoring for insulated gate bipolar transistor modules: Detection, estimation, and prediction, HIGH VOLTAGE, 2397-7264 DOI 10.1049/hve2.12149, SEP 2021, WOS:000696873200001</p>
8 8/2 =4	<p>Viorel Constantin Petre, Constantin-Daniel Oancea Case Study for Designing a Battery Charger with Minimum Required Components, The 10th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE 2017, Politehnica University of Bucharest, Bucharest, March 23-25, 2017, p. 637-640, INSPEC Accession Number: 16824742, IEEE Catalog Number CFP1714P-USB, ISBN 978-1-5090-5159-5, ISBN: 978-1-5090-5160-</p>	<p>Olaru, D; Parvulescu, L.; Power Compensation for Asymmetrical Voltages 3D Vector versus alpha-beta Method, Conference: 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Location: Bucharest, ROMANIA, Date: MAR 28-30, 2019, Accession Number: WOS:000475904500178, ISBN:978-1-4799-7514-3, ISSN: 1843-8571</p>

	1/17, DOI: 10.1109/ATEE.2017.7905055, WOS:000403399400124, ISBN:978-1-5090-5160-1, ISSN: 1843-8571.	
9 5*8/3 =13,33	Ciprian Mihai Coman, Adriana Florescu, Constantin Daniel Oancea, Improving the Efficiency and Sustainability of Power Systems Using Distributed Power Factor Correction Methods, Special Issue Efficiency and Sustainability of the Distributed Renewable Hybrid Power Systems Based on the Energy Internet, Blockchain Technology and Smart Contracts, Sustainability 2020, 12, Article Number: 3134, Volume 12, Issue 8 (April-2 2020), pp. 1-20, ISSN 2071-1050, DOI: 10.3390/su12083134, WOS:000535598700067, CODEN: SUSTDE, Impact Factor: 2.592 (2018) ; 5-Year Impact Factor: 2.801 (2018), Environmental Sciences Q2 (Quartile in Category).	Leon-Martinez, V, Penalvo-Lopez, E, Andrada-Monros, C, Cano-Martinez, J, Leon-Vinet, A Molina-Canamero, L Procedure for Improving the Energy, Environmental and Economic Sustainability of Transformation Houses, APPLIED SCIENCES-BASEL, 2076-3417 MAY 2022, 10.3390/app12094204, WOS:000794631500001 Alhasnawi, BN, Jasim, BH, A new internet of things enabled trust distributed demand side management system, SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, 2213-1388 2213-1396, AUG 2021, 10.1016/j.seta.2021.101272 WOS:000670347600006 Coman, CM, D'amico, G, Coman, AV, Florescu, A, Techniques to Improve Reliability in an IoT Architecture Framework for Intelligent Products IEEE ACCESS, 2169-3536, 2021, 10.1109/ACCESS.2021.3072168, WOS:000641935900001 Popa, GN, Iagar, A, Dinis, CM, Considerations on Current and Voltage Unbalance of Nonlinear Loads in Residential and Educational Sectors, ENERGIES, 1996-1073, JAN 2021, 10.3390/en14010102 WOS:000605807100001 Alhasnawi, BN, Jasim, BH, Esteban, MD, Guerrero, JM, A Novel Smart Energy Management as a Service over a Cloud Computing Platform for Nanogrid Appliances, SUSTAINABILITY, 2071-1050 NOV 2020, v 12, ISSUE 22, 10.3390/su12229686 WOS:000595062800001
10 8/3 =2,67	Constantin Daniel Oancea, Florin Calin, Valentin Golea, On the Electromagnetic Field in the Surrounding Area of Railway Equipment and Installations, 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN, 9th Oct. Craiova, 10th - 11th Oct. Chisinau, 2019, INSPEC Accession Number: 19172134, DOI: 10.1109/SIELMEN.2019.8905871,	Yang, CQ, Lu, M, Safety evaluation for a high signal operator with electric field exposure induced by contact wires ARCHIVES OF ELECTRICAL ENGINEERING SN 1427-4221, EI 2300-2506, 2021, VL 70, IS 2, 10.24425/ae.2021.136994, WOS:000667239800013

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Total citari BDI: 96+42,67+4+8+4+4+12+2,67+2+4+4=183,34

TOTAL A3: 120,26 + 183,34 = 303,6