

Instituția de învățământ superior: Universitatea Tehnică din Cluj-Napoca

Facultatea de Inginerie Electrică

Domeniul de licență: Inginerie Electrică

Programul de studii de licență: Sisteme electrice – Cluj Napoca engleză

Perioada evaluării:

TABEL PRIVIND INDEPLINIREA INDICATORULUI

Activitatea științifică în domeniul disciplinelor

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului vârsta / vechimea în învățământul superior	Disciplinele din cadrul programului de studii incluse în postul didactic și tipul activității desfășurate (curs, seminar, lucrări, proiect)	Competența cadrului didactic titular în disciplinele din postul didactic			Constatări privind îndeplinirea indicatorului conform Anexei 4.1
			Universitatea/facultatea/specializarea absolvită	Specializarea la masterat/doctorat	Numărul de cărți, numărul de lucrări științifice, numărul de brevete în domeniul disciplinelor din postul didactic (conform Anexelor 4.1.)	
0	1	2	3	4	5	6
1.	S.l. dr. ing. Constantinescu Claudia 39 / 15	Programarea calculatoarelor și limbaje de programare I	Universitatea Tehnică din Cluj / Facultatea de Inginerie Electrică / Sisteme electrice	Doctorat în Inginerie Electrică	Teza(A) 3 cărți (B1-B3) 38 Articole ISI (C1-C38) 40 articole BDI (C39-C69); 6 lucrări în rev. și vol. conf. (D1-D6)	Îndeplinit
2						

* Din statul de funcții cumulativ al tuturor disciplinelor și tuturor activităților didactice desfășurate în cadrul programului de studii evaluat.

Rector
Prof.dr.ing Vasile ȚOPA

Persoana de contact
S.l.dr.ing. Constantinescu Claudia Alana



A N E X A 4 . 1

Nume Prenume: Constantinescu Claudia Alana

Gradul didactic: Șef lucrări

Instituția unde este titular: Universitatea Tehnică din Cluj Napoca

Facultatea: Inginerie Electrică

Departamentul: Electrotehnică și Măsurări

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

„Contribuții la îmbunătățirea performanțelor filtrelor realizate în tehnologie electromagnetică planară”

conducător științific : Prof.dr.ing.Călin Munteanu

Universitatea Tehnică din Cluj Napoca

Susținere publică: 26.09.2012.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

CĂRȚI

1. **Hebedean Claudia**, Grindei Laura – *Baze de date în Inginerie Electrică*. Editura UTPRESS, Cluj Napoca, 2014, ISBN 978-973-662-974-7, 184 pagini.
2. **Constantinescu Claudia**, Munteanu Călin, Răcășan Adina – *Studiul filtrelor EMI realizate în tehnologie electromagnetică planară. De la celula LC la structura optimizată a unui filtru*. Editura UTPRESS, Cluj Napoca, 2015, ISBN 978-606-737-095-9, 221 pagini.
3. Grindei Laura, **Constantinescu Claudia**, Purcar Marius, *Aplicatii C/C++/C# și Arduino în inginerie electrica*, Editura UTPRESS, Cluj-Napoca, România, 2020, ISBN 978-606-737-435-3, 209 pagini.

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

c1) Articole / studii publicate la conferințe indexate sau în reviste de specialitate de circulație internațională recunoscute (cotate ISI)

ISI Journals

1. Constantinescu, Claudia, Andreica Sergiu, Laszlo Rapolti, Giurgiuman Adina, Gliga Marian, Munteanu Calin, and Pacurar Claudia, "Numerical Modelling, Analysis, and Optimization of RFID Tags Functioning at Low Frequencies" *Applied Sciences* 14, no. 20: 9544, DOI 10.3390/app14209544, 2024

2. Giurgiuman Adina, Gliga M., Bojita A., Andreica S., Munteanu C., Topa V., Constantinescu Claudia, Păcurar Claudia, Software Program for the Evaluation of Human Exposure to Electric and Magnetic Fields. *Technologies Journal*, vol. 11, no. 6, 159, IF: 3.6, November 2023.
3. Constantinescu Claudia, Păcurar Claudia, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., High Gain Improved Planar Yagi Uda Antenna for 2.4 GHz Applications and Its Influence on Human Tissues. *Applied Sciences-Basel*, vol. 13, no. 11, 6678, ISSN: 2076-3417, DOI10.3390/app13116678, WOS:001005579400001, IF: 2.7, May 2023.
4. Păcurar Claudia, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., High Frequency Analysis and Optimization of Planar Spiral Inductors Used in Microelectronic Circuits. *Electronics Journal*, vol 10, Iss 23, 2897, ISSN: 2079-9292, IF: 2.397, 2021.
5. Răcășan Adina, Munteanu C., Topa V., Păcurar Claudia, Hebedean Claudia, Analysis and Improvement Techniques for the Transfer Function of a Planar Low-Pass Filter, *Environmental Engineering and Management Journal*, vol. 15, no. 12, pp. 2579-2586, ISSN 1582-9596, WOS:000393476600004, F.I. =1.096, 2016.

ISI Proceedings

6. Hebedean Claudia, Munteanu C., Răcășan Adina, Păcurar Claudia, Augustin D., The Influence of Parameters on the Parasitic Capacitance Values in a Planar Transformer, *The 9th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2015*, Bucharest, Romania, pp. 838 – 343, ISBN 978-1-4799-7514-3, WOS:000368159800154, 7-9 May 2015
7. Răcășan Adina, Munteanu C., Topa V., Păcurar Claudia, Hebedean Claudia, Marcu C., Home Appliances Conducted Electromagnetic Emissions Analysis and Mitigation Methods, *The 9th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2015*, Bucharest, Romania, pp. 356–361, ISBN 978-1-4799-7514-3, WOS:000368159800067, 7-9 May 2015
8. Răcășan Adina, Munteanu C., Topa V., Păcurar Claudia, Hebedean Claudia, Cislariu Mihaela, Analysis, Identification and Minimization the Parasitic Effects of the Multilayer Spiral Inductors, *Proc. of the 2016 International Conference and Exposition on Electrical and Power Engineering, EPE 2016*, Iasi, Romania, pp. 392-397, ISBN 978-1-4799-5849-8, WOS:000390706300079, ISSN: 2471-6855, 20-22 October 2016
9. Păcurar Claudia, Topa V., Răcășan Adina, Munteanu C., Constantinescu Claudia, Pop F., Andreica S., Cislariu Mihaela, High Frequency Multilayer Spiral Inductors Modeling, *2016 International Conference on Production Research–Regional Conference Africa, Europe and the Middle East 4rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2016*, Cluj-Napoca, Romania, pp. 110-116, ISBN 978-606-737-180-2, Ed. UTPress, WOS: 000436122900019, ISBN: 978-606-737-180-2, 25-30 July 2016
10. Andreica Sergiu, Gliga Marian, Răcășan Adina, Munteanu Călin, Păcurar Claudia, Constantinescu Claudia, Study of conducted electromagnetic emissions of a wireless power system, *2017 International Conference on Electromechanical and Power Systems, SIELMEN 2017*, pp. 191-195, ISBN: 978-1-5386-1846-2, WOS: 000426906000037, 11-13 Oct. 2017
11. Răcășan Adina, Păcurar Claudia, Munteanu C., Constantinescu Claudia, Andreica S., Dusa S., High Frequency Analysis of Monolayer Spiral Inductors, *Proceedings - 2017 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2017 and 2017*

- Intl Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2017, Brasov, Romania, pp. 116 – 121, ISBN: 978-1-5090-4489-4, WOS: 000426909600017, 25-27 May 2017
12. Andreica S., Păcurar Claudia, Țopa V., Răcășan Adina, Constantinescu Claudia, Gliga M., The Analysis of the Multilayer Spiral Inductors Parameters at High Frequency, Proceedings of 2017 International Conference on Modern Power Systems, MPS 2017, Cluj-Napoca, Romania, ISBN: 978-1-5090-6565-3, WOS: 000428462600057, 6-9 June 2017
 13. Gliga M., Răcășan Adina, Munteanu C., Andreica S., Păcurar Claudia, Țopa V., Constantinescu Claudia, The Influence of Ferrite on the Spiral Inductors Inductance used for the Design of Wireless Power Systems, Proceedings of 2017 International Conference on Modern Power Systems, MPS 2017, Cluj-Napoca, Romania, ISBN: 978-1-5090-6565-3, WOS: 000428462600059, 6-9 June 2017
 14. Constantinescu Claudia, Munteanu C., Păcurar Claudia, Răcășan Adina, Influence of the Patch Antenna Feeding on their Parameters, Proc. of the 2018 International Conference and Exposition on Electrical and Power Engineering, EPE 2018, pp. 235-240, Iasi, Romania, 18-19 October 2018, ISBN: 978-1-5386-5062-2, ISSN: 2471-6855, WOS: 000458752200044, 2018
 15. Constantinescu C., Munteanu C., Pacurar C., Racasan A., Gliga M., Andreica S., High Frequency Analysis of Bowtie Antennas, 2019 11th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2019, Bucharest, Romania, 28-30 March 2019, ISBN: 978-147997514-3, DOI 10.1109/ATEE.2019.8724972, WOS: 000475904500129, 2019
 16. Pacurar C., Topa V., Giurgiuman A., Munteanu C., Constantinescu C., Andreica S., Gliga M., Modelling and Analysis of the Halbach Array Magnets, 2019 11th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2019, Bucharest, Romania, 28-30 March 2019, ISBN: 978-147997514-3, DOI 10.1109/ATEE.2019.8724977, WOS:000475904500134, 2019
 17. Gliga M., Munteanu C., Andreica S., Pacurar Claudia, Constantinescu Claudia, Giurgiuman Adina, Study of Electromagnetic Immunity of Motors used in Automotive Applications, 2019 International Conference on Electromechanical and Energy Systems, SIELMEN 2019, Craiova, Romania, ISBN: 978-1-7281-4012-4, DOI: 978-1-7281-4012-4, WOS: 000630287500054
 18. Andreica S., Munteanu C., Gliga M., Pacurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Butnar L., Pop F., EMC Study for Different Types of Lamps with the same Luminous Flux, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759671, WOS: 000612401900022
 19. Gliga M., Munteanu C., Andreica S., Pacurar Claudia, Constantinescu Claudia, Giurgiuman Adina, Pop I., Numerical Modeling and Parametric Analysis of a Switched Reluctance Motor, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759688, WOS: 000612401900039
 20. Constantinescu Claudia, Munteanu C., Pacurar Claudia, Giurgiuman Adina, Andreica S., Gliga M., Numerical Modeling and Parametric Analysis of Induction Plates, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759793, WOS: 000612401900137
 21. Giurgiuman Adina, Munteanu C., Pacurar Claudia, Constantinescu Claudia, Gliga M., Andreica S., High Frequency Analysis of Bandpass Filters, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759731, WOS: 000612401900079

22. Pacurar Claudia, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., The Construction of a Wireless Power Supply System using Planar Spiral, 8th International Conference on Modern Power Systems, MPS2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759779, WOS: 000612401900123
23. Andreica S., Munteanu C., Gliga M., Păcurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3381-5, WOS:000941563300019, 16-17 June 2021.
24. Andreica S., Munteanu C., Gliga M., Păcurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3381-5, WOS:000941563300019, 16-17 June 2021.
25. Păcurar Claudia, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., Planar Spiral Inductors Parameter Extraction needed to design a Wireless Power Supply System, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492709, ISBN 978-1-6654-3381-5, WOS:000941563300104, 16-17 June 2021.
26. Constantinescu Claudia, Păcurar Claudia, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., Numerical Modelling and Analysis of Circular Patch Antenna Array for Further Use Determination, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492557, ISBN 978-1-6654-3381-5, WOS:000941563300018, 16-17 June 2021.
27. Gliga M., Munteanu C., Andreica S., Păcurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Optimization of the Control Circuit of a Wireless Power Supply System, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492569, ISBN 978-1-6654-3381-5, WOS:000941563300022, 16-17 June 2021.
28. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, Hebedean Claudia, Adam Ema, Numerical Analysis and Modelling of the Electromagnetic Interferences in Integrated Planar Structures, 16th International Conference on Harmonics and Quality of Power, ICHQP 2014, Bucharest, Romania, pp.122-126, ISBN 978-146736487-4, ISSN 2164-0610, WOS:000343776100026, 25-28 May 2014
29. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, Hebedean Claudia, Electromagnetic Interferences Suppresion in Planar Integrated Devices, Proc. of the 2014 International Symposium on Electromagnetic Compatibility, EMC Europe 2014, Gothenburg, Sweden, pp. 940-945, ISBN 978-1-4799-3225-2, ISBN:978-1-4799-3226-9, ISSN 10774076, WOS:000364988600170, 1-4 September 2014
30. Hebedean Claudia, Munteanu C., Răcășan Adina, Păcurar Claudia, Analysis of the Influence of Parasitic Parameters on Planar Transformers, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 40–45, ISBN 978-1-4799-5183-3, WOS:000343551300006, 22-24 May 2014
31. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, Hebedean Claudia, Filter Geometry Optimisation for the Conduction Electromagnetic Interferences Suppression, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 46 – 51, ISBN 978-1-4799-5183-3, WOS:000343551300007, 22-24 May 2014

32. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, Hebedean Claudia, Cislariu Mihaela, Methods for Planar Integrated Low Pass Filter Performance Improvements in High Frequency, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014, Iasi, Romania, pp. 617-621, ISBN 978-1-4799-5849-8, WOS:000353565300113, 16-18 October 2014
33. Hebedean Claudia, Munteanu C., Răcășan Adina, Păcurar Claudia, Efficiency determination for the improvement methods used for planar structures applied on EMI filters, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014 Iasi, România, pp. 627-632, ISBN 978-1-4799-5849-8, WOS:000353565300115, 16-18 October 2014
34. Păcurar Claudia, Țopa V., Răcășan Adina, Munteanu C., Rafiroiu D., Hebedean Claudia, High Frequency 3D Modeling of Spiral Inductors, 2014 International Conference on Production Research–Regional Conference Africa, Europe and the Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2014, Cluj-Napoca, Romania, pp. 379-383, ISBN 978-973662978-5, WOS:000346410700046, 1-5 July 2014
35. Hebedean Claudia, Munteanu C., Răcășan Adina, Păcurar Claudia, HF Losses Improvement for a Planar Integrated EMI Filter, 2014 International Conference on Production Research – Regional Conference Africa, Europe and the Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2014, Cluj-Napoca, Romania, pp. 235-240, ISBN 978-973-662-978-5, WOS:000346410700046, 1-5 July 2014
36. Păcurar Claudia, Țopa V., Răcășan Adina, Munteanu C., Hebedean Claudia, Spiral Inductors Analysis and Modelling, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 210–215, ISBN 978-1-4799-5183-3, WOS:000343551300030, 22-24 May 2014
37. Hebedean Claudia, Munteanu C., Răcășan Adina, Păcurar Claudia, Improving EMI Filters by Decreasing their Parasitic Capacitance, Proc. of the 2014 International Conference on Applied and Theoretical Electricity, ICATE 2014, Craiova, Romania, pp. 1-6, ISBN 978-1-4799-4161-2, WOS:000352737400066, 23-25 Octombrie 2014
38. Păcurar Claudia, Țopa V., Răcășan Adina, Munteanu C., Hebedean Claudia, Cislariu Mihaela, D. Rafiroiu, High Frequency Modeling of Square Spiral Inductor, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014, Iasi, Romania, pp. 622-626, ISBN 978-1-4799-5849-8, WOS:000353565300114, 16-18 October 2014

c2) Studii publicate la conferințe sau în reviste indexate în baze de date internaționale de referință în domeniul (DBLP, ACM, IEEE, SCOPUS, etc)¹

IEEE și SCOPUS

39. Constantinescu Claudia Alana, Păcurar Claudia, Giurgiuman Adina, Munteanu Calin, Dragan Florin, Andreica Sergiu; Gliga Marian, The Influence of Human Tissues on the Patch Antennas'

¹ indexate în:

[IEEE] - IEEE Xplore (<http://ieeexplore.ieee.org/Xplore/guesthome.jsp>)

[ACM] - ACM portal (<http://portal.acm.org>)

[DBLP] - (<http://www.informatik.uni-trier.de>)

[SCOPUS] - (<http://www.scopus.com>)

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40. Constantinescu C, Păcurar C, Munteanu C, Giurgiuman A, Andreica S., Gliga M, Influence of the Geometrical Parameters of a Planar Yagi-Uda Antenna on its Performances, IOP Conference Series: Materials Science and Engineering, ICEMS-BIOMED, 2022, pp. 1-12, DOI: 10.1088/1757-899X/1254/1/012017, 2022.
41. Păcurar C, Țopa V, Giurgiuman A, Munteanu C, Constantinescu C, Gliga M, Andreica S., The influence of the patch antennas emissions on the human head, IOP Conference Series: Materials Science and Engineering, ICEMS-BIOMED, 2022, pp. 1-14, DOI: 10.1088/1757-899X/1254/1/012018, 2022.
42. Andreica Sergiu, Munteanu Calin, Gliga Marian, Păcurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Study of the Electromagnetic Field Generated by Wireless Communication Systems, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959779, ISBN: 978-1-6654-8994-2, 2022.
43. Gliga Marian, Munteanu Calin, Andreica Sergiu, Constantinescu Claudia, Giurgiuman Adina, Păcurar Claudia, Denisa Morar, Study of Conduction Emissions of Household Appliances, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959764, ISBN: 978-1-6654-8994-2, 2022.
44. Giurgiuman Adina, Păcurar Claudia, Constantinescu Claudia, Munteanu Calin, Gliga Marian, Andreica Sergiu, Analysis and Optimal Design of a Wireless Power Transfer System for Electrical Vehicles, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959810, ISBN: 978-1-6654-8994-2, 2022.
45. Giurgiuman Adina, Munteanu C., Pacurar Claudia, Constantinescu Claudia, Gliga M., Andreica S., The influence of the geometric shapes of the component elements of the planar filter on its parameters, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492641, ISBN 978-1-6654-3383-9, 16-17 June 2021
46. Andreica S., Munteanu C., Gliga M., Păcurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 9th International Conference on Modern Power Systems MPS 2021, DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3383-9, 16-17 June 2021
47. Constantinescu Claudia, Pacurar Claudia, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., Numerical modelling and analysis of circular patch antenna array for further use determination, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492557, ISBN 978-1-6654-3383-9, 16-17 June 2021
48. Pacurar Claudia, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., Planar spiral inductors parameter extraction needed to design a wireless power supply system, 9th International Conference on Modern Power Systems MPS 2021, DOI 10.1109/MPS52805.2021.9492709, ISBN 978-1-6654-3383-9, 16-17 June 2021
49. Gliga M., Munteanu C., Andreica S., Pacurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Optimization of the control circuit of a wireless power supply system, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492569, ISBN 978-1-6654-3383-9, 2021
50. Andreica S., Munteanu C., Gliga M., Pacurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Design of multilayer spiral coils with different geometries to determine the inductance, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020,

Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305615

51. Gliga M., Păcurar Claudia, Munteanu C., Andreica S., Constantinescu Claudia, Giurgiuman Adina, Analysis of different type of ring inelar permanent magnets in order to achieve a uniform magnetic field around them, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305525
52. Giurgiuman Adina, Constantinescu Claudia, Pacurar Claudia, Topa V., Munteanu C., Gliga M., Andreica S., The analysis, modelling and comparison between circular and rectangular patch antennas, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305549
53. Pacurar Claudia, Giurgiuman Adina, Constantinescu Claudia, Topa V., Munteanu C., Andreica S., Gliga M., High frequency analysis of the influence of yagi-uda antenna on the human head, 11th International Conference and Exposition on Electrical and Power 1-1-7281-8126-4, 22-23 Oct. 2020
54. Constantinescu Claudia, Munteanu C., Grindei Laura, Giurgiuman Adina, **Pacurar Claudia**, Gliga M., Andreica S., High frequency analysis of the vivaldi antenna parameters, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 October, ISBN: 978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305674, 2020

Index Copernicus

55. **Păcurar Claudia**, Răcășan Adina, Țopa Vasile, Munteanu Călin, Constantinescu Claudia, Modeling, Simulation and Practical Realization of the Spiral Inductors Used in Wireless Power Systems, Analele Universitatii din Craiova, Seria Inginerie Electrica, Special Issue, 1842-4805, pp.1-7, 2018
56. Răcășan Adina, **Păcurar Claudia**, Țopa V., Constantinescu Claudia, Andreica S., Techniques to Reduce the Parasitic Capacitance of the Multilayer Spiral Inductors, Buletinul Institutului Politehnic din Iași, vol. 62 (66), nr.4, Secția Electrotehnică. Energetică. Electronică, pp. 33-45, ISSN 1223-8139, POLITEHNIUM Press, 2016

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57. Păcurar Claudia, Răcășan Adina, Constantinescu Claudia, Gliga Marian, Andreica Sergiu, Practical Realisation and Analysis of Spiral Inductors for Wireless Power Supply Systems, Acta Electrotehnica Journal, nr. 5/2016, vol. 57, ISSN 2344-5637, ISSN-L 1841-3323, pp. 548-553, 1.06.2016
58. Constantinescu Claudia, Răcășan Adina, Păcurar Claudia, Andreica Sergiu, Pop Flaviu, Induction Heating Spiral Inductor – Comparison between Practical Construction and Numerical Modeling, Acta Electrotehnica Journal, nr. 5/2016, vol. 57, ISSN 2344-5637, ISSN-L 1841-3323, pp. 542-547, 1.06.2016
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