

LISTA ARTICOLE PUBLICATE

ASIST.UNIV.DR.ING. CONSTANTINESCU CLAUDIA ALANA

2017

- [1]. Racasan Adina, Pacurar Claudia, Munteanu C., **Constantinescu Claudia**, Andreica S., Dusa S., *High Frequency Analysis of Monolayer Spiral Inductors*, *International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2017*, Brasov, Romania, 25-27 May 2017, pp. 116 – 121, ISBN 978-1-5090-4488-7/17, indexat în baze de date *ISI Thomson Reuters*.
- [2]. Andreica S., Pacurar Claudia, Topa V., Racasan Adina, **Constantinescu Claudia**, Gliga M., *The Analysis of the Multilayer Spiral Inductors Parameters at High Frequency*, *The 7th International Conference on Modern Power Systems MPS 2017*, Cluj-Napoca, România, 6-9 June 2017, ISBN 978-1-5090-6565-3/17, indexat în baze de date *IEEE Xplore BDI*
- [3]. Gliga M., Racasan Adina, Munteanu C., Andreica S., Pacurar Claudia, Topa V., **Constantinescu Claudia**, *The Influence of Ferrite on the Spiral Inductors Inductance used for the Design of Wireless Power Systems*, *The 7th International Conference on Modern Power Systems MPS 2017*, Cluj-Napoca, România, 6-9 June 2017, ISBN 978-1-5090-6565-3/17, indexat în baze de date *IEEE Xplore BDI*.

2016

- [4]. Racasan Adina, Munteanu C., Topa V., Pacurar 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 December 2016. F.I. =1.008, indexat în baze de date *ISI Thomson Reuters*.
- [5]. Pacurar Claudia, Topa V., Racasan 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 4th International Conference on Quality and Innovation in Engineering and Management*, Cluj Napoca, Romania, 25-30 July 2016, pp. 111-116, ISBN 978-606-737-180-2, indexat în baze de date *ISI Thomson Reuters*.
- [6]. Racasan Adina, Munteanu C., Topa V., Pacurar 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*, Iasi, Romania, 20-22 Octombrie 2016, pp. 392-397, ISBN 978-1-4799-5849-8, indexat în baze de date *ISI Thomson Reuters*.
- [7]. 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, 2016, indexat în baze de date *Google Scholar BDI*.
- [8]. **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, 2016, indexat în baze de date *Google Scholar BDI*.
- [9]. Racasan Adina, Pacurar Claudia, Topa V., **Constantinescu Claudia**, Andreica S., *Techniques to Reduce the Parasitic Capacitance of the Multilayer Spiral Inductors*, *Buletinul Institutului*

2015

- [10]. Racasan Adina, Munteanu C., Topa V., Pacurar 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*, Bucuresti, Romania, 7-9 May 2015, pp. 356 – 361, ISBN 978-1-4799-7514-3, indexat în baze de date *ISI Thomson Reuters*.
- [11]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar 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*, Bucuresti, Romania, 7-9 May 2015, pp. 838 – 343, ISBN 978-1-4799-7514-3, indexat în baze de date *ISI Thomson Reuters*.
- [12]. Racasan Adina, Munteanu C., Topa V., Pacurar Claudia, **Hebedean Claudia**, Mociran B., *Conducted Electromagnetic Emissions Analysis and Suppression Methods*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 291-296, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [13]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Planar Transformers Improvement in the Conducted Emissions Frequency Range*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 128-132, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [14]. Pacurar Claudia, Topa V., Racasan Adina, Munteanu C., **Hebedean Claudia**, *Solenoid Actuator Parametric Analysis and Numerical Modeling*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 246-251, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [15]. Constantin Buda, Nicolae Bogdan, Florin Pinte, Speranta Nedelcu, **Claudia Hebedean**, *A Parallel Study Between Today And Yesterday About Electromagnetic Conducted Disturbances*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 38-43, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [16]. Ladislau Reider, Adela Ordean, Maria Balogh, Mihaela Buda, Speranta Nedelcu, **Claudia Hebedean**, *The replacement of the MV/LV Transformers from the FDEE EDTN Installations as a Way of Increasing the Efficiency of the Electrical Energy Distribution Activity*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 300-304, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [17]. Ladislau Reider, Adela Ordean, Maria Cioroslan, **Claudia Hebedean**, *Electrical Energy Losses Generated by Producers Connecting to RED MT Determination*, *Acta Electrotehnica, Special Issue, Proceedings of the 6th International Conference on Modern Power Systems MPS 2015*, Cluj-Napoca, România, 18-21 Mai 2015, vol. 54, no. 5, pp. 305-309, ISSN: 1841-3323, indexat în baze de date *Google Scholar BDI*.
- [18]. Răcășan Adina, Păcurar Claudia, Munteanu C., Topa V., **Constantinescu Claudia**, Szabo L., Dodea M., *Electromagnetic Field Numerical Modeling using BEM2D*, *Acta Electrotehnica Journal*, nr. 5/2015, vol. 56, ISSN 2344-5637, ISSN-L 1841-3323, pp. 197-202, 2015. indexat în baze de date *Google Scholar BDI*.
- [19]. Păcurar Claudia, Topa V., Răcășan A., Munteanu C., **Constantinescu Claudia**, Vid Mihaela, *Square Planar Spiral Inductor High Frequency Field and Parameters Analysis*, *Acta Electrotehnica*

Journal, nr. 5/2015, vol. 56, ISSN 2344-5637, ISSN-L 1841-3323, pp. 191-196, 2015. indexat în baze de date [Google Scholar](#) **BDI**.

- [20]. **Constantinescu Claudia**, Munteanu C., Răcășan Adina, Păcurar Claudia, Fazacaș D., *Electromagnetic Modeling and Frequency Response Determination for Planar Integrated LC Structures*, *Acta Electrotehnica Journal*, nr. 4-5/2015, vol. 56, ISSN 2344-5637, ISSN-L 1841-3323, pp. 203-208, 2015. indexat în baze de date [Google Scholar](#) **BDI**.
- [21]. **Constantinescu Claudia**, Munteanu C., Răcășan Adina, Păcurar Claudia, *Parameter Influence on the Operation of an Induction Heating Device*, *Proceedings of the 10th International Conference on Electromechanical and Power Systems, SIELMEN 2105*, Editura PIM, pp. 1-6, ISBN 978-606-567-284-0, 8-9 Octombrie 2015, Chisinau, Republica Moldova. indexat în baze de date [Google Scholar](#) **BDI**.
- [22]. Pop F., Munteanu C., Răcășan Adina, **Constantinescu Claudia**, *Analysis of Electromagnetic Disturbances Produced by Various Appliances through Conduction within the Supply Network*, *Proceedings of the 10th International Conference on Electromechanical and Power Systems, SIELMEN 2105*, Editura PIM, pp. 1-6, ISBN 978-606-567-284-0, 8-9 Octombrie 2015, Chisinau, Republica Moldova. indexat în baze de date [Google Scholar](#) **BDI**.
- [23]. Pacurar Claudia, Topa Vasile, Munteanu, Calin, Racasan Adina, **Constantinescu Claudia**, *The Optimal Design of the Gaped Coil for an Imposed Inductivity*, 18th International Symposium on Power Electronics - *Ee 2015*, Novi Sad, Serbia, October 28th - 30th, 2015, ISSN 2344-5637, ISSN-L 1841-3323, pp. 1-5.
- [24]. **Constantinescu Claudia**, Munteanu Calin, Racasan Adina, Pacurar Claudia, *Numerical Modeling and Practical Realisation of an Induction Heating Device*, 18th International Symposium on Power Electronics - *Ee 2015*, Novi Sad, Serbia, October 28th - 30th, 2015, ISSN 2344-5637, ISSN-L 1841-3323, pp. 1-5.
- [25]. Pop F., Munteanu C., Răcășan Adina, Păcurar Claudia, **Constantinescu Claudia**, *A Parallel Study Between Today And Yesterday About Electromagnetic Conducted Disturbances*, *Buletinul Institutului Politehnic din Iași*, Tomul LXI (LXV), Fasc. 4, 2015, Secția Electrotehnică. Energetică. Electronică, pp. 33-43, ISBN 978-606-567-284-0, 2015. indexat în baze de date [Google Scholar](#) revista **BDI**

2014

- [26]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar 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, 22-24 May 2014, pp. 40 – 45, ISBN: 978-1-4799-5183-3, indexat în baze de date [ISI Thomson Reuters](#).
- [27]. Racasan Adina, Munteanu C., Topa V., Pacurar 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, 22-24 May 2014, pp. 46 – 51, ISBN 978-1-4799-5183-3, indexat în baze de date [ISI Thomson Reuters](#).
- [28]. Pacurar Claudia, Topa V., Racasan Adina, Munteanu C., **Hebedean Claudia**, *Spiral Inductors Analysis and Modelling*, *14th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2014*, Brasov, Romania, 22-24 May 2014, pp. 210 – 215, ISBN 978-1-4799-5183-3, indexat în baze de date [ISI Thomson Reuters](#).
- [29]. Racasan Adina, Munteanu C., Topa V., Pacurar 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, 25-28 May 2014, pp.122-126, ISBN 978-146736487-4, ISSN 2164-0610, indexat în baze de date [ISI Thomson Reuters](#).
- [30]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar 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, Cluj Napoca, Romania, 1-5 July 2014, pp. 235-240, ISBN 978-973-662-978-5, indexat în baza de date *ISI Thomson Reuters*.

- [31]. Pacurar Claudia, Topa V., Racasan 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, Cluj Napoca, Romania, 1-5 July 2014, pp. 379-383, ISBN 978-973662978-5, indexat în baza de date *ISI Thomson Reuters*.
- [32]. Racasan Adina, Munteanu C., Topa V., Pacurar Claudia, **Hebedean Claudia**, *HF Integrated LC Structure Behaviour Analysis Using the Generalized Transmission Lines Model*, *Electromagnetic Compatibility/Electromagnetic Field Research and Development in Romania*, Romania, Editura Agir, 2014, pp. 65-70, ISBN 978-973-720-521-6. (*Categoria B+ Cod CNCISIS 415*).
- [33]. Pacurar Claudia, Topa V., Racasan Adina, Munteanu C., **Hebedean Claudia**, *Printed Circuit Boards and Multi-Chip Modules High Frequency Inductance Computation*, *Electromagnetic Compatibility/Electromagnetic Field Research and Development in Romania*, Romania, Editura Agir, 2014, pp. 77-80, ISBN 978-973-720-521-6. (*Categoria B+ Cod CNCISIS 415*).
- [34]. Racasan Adina, Munteanu C., Topa V., Pacurar Claudia, **Hebedean Claudia**, *Electromagnetic Interferences Suppression in Planar Integrated Devices*, *Proc. of the 2014 International Symposium on Electromagnetic Compatibility*, Gothenburg, Sweden, 1-4 September 2014, pp. 940-945, ISBN 978-1-4799-3225-2, ISSN 10774076, indexat în baza de date *ISI Thomson Reuters*.
- [35]. Racasan Adina, Munteanu C., Topa V., Pacurar 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*, Iasi, Romania, 16-18 Octombrie 2014, pp. 617-621, ISBN 978-1-4799-5849-8, indexat în baza de date *ISI Thomson Reuters*.
- [36]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar 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*, Iasi, Romania, 16-18 Octombrie 2014, pp. 627-632, ISBN 978-1-4799-5849-8, indexat în baza de date *ISI Thomson Reuters*.
- [37]. Pacurar Claudia, Topa V., Racasan Adina, Munteanu C., **Hebedean Claudia**, Rafiroiu D., Cislariu Mihaela, *High Frequency Modeling of Square Spiral Inductor*, *Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering*, Iasi, Romania, 16-18 Octombrie 2014, pp. 622-626, ISBN 978-1-4799-5849-8, indexat în baza de date *ISI Thomson Reuters*.
- [38]. Racasan Adina, Munteanu C., Topa V., Pacurar Claudia, **Hebedean Claudia**, *Improving Filter Performances for Conducted Electromagnetic Interferences Suppression*, *Analele Universitatii „Eftimie Murgu” Resita*, Anul XXI, nr. 3, 2014, pp. 223 – 234, ISSN 1453-7397. (*Categoria B Cod CNCISIS 330*).
- [39]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Improving EMI Filters by Decreasing their Parasitic Capacitance*, *Proc. of the 2014 International Conference on Applied and Theoretical Electricity*, Craiova, Romania, 23-25 Octombrie 2014, pp. 1-6, ISBN 978-1-4799-4161-2, indexat în baza de date *ISI Thomson Reuters*.
- [40]. Racasan Adina, Munteanu C., Pacurar Claudia, Topa V., **Hebedean Claudia**, Szabo L, *Numerical Modeling of Planar Electromagnetic Devices at High Frequency Using 3D CAD Programs*, *Acta Electrotehnica*, vol. 55, no. 3-4, 2014, pp. 158-163, ISSN 2344-5637, ISSN L 1841-3323, Romania, Editura Mediamira, indexat în baza de date *Google Scholar BDI*.
- [41]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, Pop F., Bulugheana A., *Influence of the Dielectric Layer on the Patch Antenna Parameters*, *Acta Electrotehnica*, vol. 55, no. 3-4, 2014, pp. 164-168, ISSN 2344-5637, ISSN L 1841-3323, Romania, Editura Mediamira, indexat în baza de date *Google Scholar BDI*.
- [42]. Pacurar Claudia, Topa V., Racasan Adina, Munteanu C., **Hebedean Claudia**, Rafiroiu D., Pop F.

Analysis of the Patch Antennas at High Frequency, *Acta Electrotehnica*, vol. 55, no. 3-4, 2014, pp. 169-173, ISSN 2344-5637, ISSN L 1841-3323, Romania - indexat în baze de date [Google Scholar](#) **BDI**.

2013

- [43]. Pacurar Claudia, Topa V., Munteanu C., Racasan Adina, **Hebedean Claudia**, *Studies of Inductance Variation for Square Spiral Inductors using CIBSOC Software*, *Environmental Engineering and Management Journal*, vol. 12, pp. 1161-1169, ISSN 1582-9596, June 2013. F.I. =1.258, indexat în baze de date *ISI Thomson Reuters*.
- [44]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Application of Windings Shifting for the Optimization of Planar Structures*, *Environmental Engineering and Management Journal*, vol. 12, pp. 1153-1159, ISSN 1582-9596 June 2013. F.I. =1.258, indexat în baze de date *ISI Thomson Reuters*.
- [45]. Răcășan Adina, Munteanu C., Topa V., Pacurar Claudia, **Hebedean Claudia**, *Filters for Conductive Electromagnetic Interference Suppression with Planar Electromagnetic Technology*, *Acta Electrotehnica, Special Issue, Proceedings of the 5th International Conference on Modern Power Systems MPS 2013*, Cluj-Napoca, România, 28-31 Mai 2013, ISSN: 1841-3323, vol. 54, no. 5, pp. 394-401. (Categorie B+, Cod CNCSIS 576).
- [46]. Răcășan Adina, Munteanu C., Pacurar Claudia, **Hebedean Claudia**, *Method used in Order to Increase High Frequency Losses in Planar Structures*, *Buletinul AGIR*, nr.3/2013, iulie-septembrie 2013, pp. 51-56, ISSN 1224-7928, Suceava, Romania, indexat în baze de date [Google Scholar](#) (Categorie B+: Cod CNCSIS 415). **BDI**
- [47]. Pacurar Claudia, Topa V., Munteanu C., Racasan Adina, **Hebedean Claudia**, *Spiral Inductor Analysis using CIBSOC Software Program*, *Acta Electrotehnica, Special Issue, Proceedings of the 5th International Conference on Modern Power Systems MPS 2013*, Cluj-Napoca, România, 28-31 Mai 2013, ISSN: 1841-3323, vol. 54, no. 5, pp. 351-356. (Categorie B+, Cod CNCSIS 576).
- [48]. Plesa C., Morar R., **Hebedean Claudia**, Toth R., Dobreanu D., „Influencing Factors of Metal Oxide Electrodeposition from the Quartz sand Used in Porcelain Industry”, *5th International Conference on Modern Power Systems MPS 2013*, Cluj Napoca, Romania, 28-31 May, pp. 370-373
- [49]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Eliminating Parasitic Capacitance from EMI Filters with an Embedded Ground Layer*, *Acta Electrotehnica, Special Issue, Proceedings of the 5th International Conference on Modern Power Systems MPS 2013*, Cluj-Napoca, România, 28-31 Mai 2013, ISSN 1841-3323, vol. 54, no. 5, pp. 213-218. (Categorie B+, Cod CNCSIS 576).
- [50]. **Hebedean Claudia**, Munteanu C., Răcășan Adina, Pacurar Claudia, *Parasitic Capacitance Removal with Embedded Ground Layer*, *IEEE EuroCon 2013*, 1-4 July 2013, Zagreb, Croatia, pp. 1863-1868, ISBN 978-1-4673-2232-4, indexat în baze de date *ISI Thomson Reuters*.
- [51]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Influence of the Losses Increase Methods on the Parasitic Capacitance Values in Planar Structures*, *Proceedings of the 9th International Conference on Electromechanical and Power Systems, SIELMEN 2103*, Editura PIM, pp. 403-409, ISBN 978-606-13-1560-4.
- [52]. Pacurar Claudia, Topa V., Munteanu C., Racasan Adina, **Hebedean Claudia**, *Modeling and Optimization of Square, Hexagonal, Octagonal and Circular Spiral Inductors*, *Proc. of the 9th International Conference on Electromechanical and Power Systems, SIELMEN 2013*, Editura PIM, pp. 394-400, ISBN 978-606-13-1560-4.
- [53]. **Hebedean Claudia**, Munteanu C., Racasan Adina, Pacurar Claudia, *Study of the Parasitic Capacitance Values in a Planar Structure when the High Frequency Loss Increase Methods are Applied*, *Buletinul Institutului Politehnic din Iasi*, Tomul LIX(LXIII), Fasc.4, 2013, Sectia Electrotehnica, Energetica, Electronica, 2013, pp 183-190, ISSN 1223-8139, indexat în baze de date [Google Scholar](#) (Categorie B+: Cod CNCSIS 415). **BDI**

2012

- [54]. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, **Hebedean Claudia**, *Minimization of the Equivalent Parallel Capacitance in Planar Magnetic Integrated Structures*, 13th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2012, Brasov, Romania, 24-26 May 2012, pp. 219 – 224, ISBN: 978-1-4673-1653-8, ISSN 18420133, indexat în baze de date *ISI Thomson Reuters*.
- [55]. **Hebedean Claudia**, Munteanu C., Răcășan Adina, Antonescu Oana, *Technologies to Increase HF Losses in Planar Structures and their Limitations*, 13th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2012, Brasov, Romania, 24-26 May 2012, pp. 48 – 53, ISBN: 978-1-4673-1653-8, ISSN 18420133, indexat în baze de date *ISI Thomson Reuters*.
- [56]. **Hebedean Claudia**, Munteanu C., Racasan Adina, *Study of LC Integrated Structures in Series Resonator Configuration*, 9th World Energy System Conference - WESC 2012, Buletinul AGIR/AGIR Bulletin, nr. 3, ISSN 1224-7928, Suceava, Romania, pp. 271-276, 2012, indexat în baze de date *Google Scholar* (Categorie B+: Cod CNCISIS 415). *BDI*
- [57]. **Hebedean Claudia**, Munteanu C., Racasan Adina, *Optimization of Planar Structures by Means of Shifted Winding*, Scientific Computing in Electrical Engineering – SCEE 2012, Zurich, Switzerland, September 11-14 2012, indexat în baze de date *Google Scholar*. *BDI*
- [58]. Racasan Adina, Munteanu C., Țopa V., Micu D., Pacurar Claudia, **Hebedean Claudia**, *Modeling and Mitigation Techniques of the Magnetic Integrated Structures Parasitic Capacitance*, 47th International Universities' Power Engineering Conference – UPEC 2012, London, UK, September 4-7 2012, pp. 1 - 5, ISBN: 978-1-4673-2856-2, indexat în baze de date *Scopus*. *BDI*
- [59]. Păcurar Claudia, Țopa V., Răcășan Adina, Munteanu C., **Hebedean Claudia**, *Spiral Inductors Inductance Computation And Layout Optimization*, Proceedings of the International Conference and Exposition on Electrical and Power Engineering, 7th edition, EPE 2012, Iași, România, October 25-27, 2012, pp. 699-704, ISBN: 978-1-4673-1172-4, indexat în baze de date *ISI Thomson Reuters*.
- [60]. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, **Hebedean Claudia**, *Minimization of the Equivalent Parallel Capacitance in Planar Magnetic EMI Filters*, Proceedings of the International Conference and Exposition on Electrical and Power Engineering, 7th edition, EPE 2012, Iași, România, October 25-27, 2012, pp. 519-524, ISBN: 978-1-4673-1172-4, indexat în baze de date *ISI Thomson Reuters*.
- [61]. **Hebedean Claudia**, Munteanu C., Răcășan Adina, Păcurar Claudia, *Optimum Geometry for Planar Structures Regarding their Loss Factor*, Proceedings of the International Conference and Exposition on Electrical and Power Engineering, 7th edition, EPE 2012, Iași, România, October 25-27, 2012, pp. 693-698, ISBN: 978-1-4673-1172-4, indexat în baze de date *ISI Thomson Reuters*.
- [62]. Răcășan Adina-Nicoleta, Munteanu, C., Țopa, V., Păcurar Claudia, **Hebedean Claudia**, *Structural Parasitic Capacitance Reduction Techniques in Planar Magnetic Integrated Structures*, 9th World Energy System Conference - WESC 2012, Buletinul AGIR nr.3/2012, iunie-august, Suceava, Romania, ISSN – L 1224-7928, ISSN (online) 2247-3548, pp. 683-688 *Google Scholar* (Categorie B+: Cod CNCISIS 415). *BDI*
- [63]. Antonescu Oana Simona, Munteanu C., **Hebedean Claudia**, *Software Modul Designed for the Analysis of the Lightning Propagation on Overhead Lines*, Buletinul AGIR nr.3/2012, iunie-august, Suceava, Romania, ISSN – L 1224-7928, ISSN (online) 2247-3548, pp. 521-526 *Google Scholar* (Categorie B+: Cod CNCISIS 415). *BDI*

2011

- [64]. Răcășan Adina, Munteanu C., Țopa V., Păcurar Claudia, **Hebedean Claudia**, *Electromagnetic Modelling of the Planar Integrated LC Cells using the Transmission Lines Generalized Model*, Acta Electrotehnica, Special Issue, Proc. of the 4th International Conference on Modern Power

Systems MPS 2011, Cluj-Napoca, România, 17-20 Mai 2011, vol. 52, no. 5, pp. 395-400, ISSN: 1841-3323 (*Categoria B+*, *Cod CNCISIS 576*).

- [65]. **Hebedean Claudia**, Munteanu C., Răcășan Adina, *A Method of EPC Cancellation for Integrated EMI Filters*, *Acta Electrotehnica, Special Issue, Proceedings of the 4th International Conference on Modern Power Systems MPS 2011*, Cluj-Napoca, România, 17-20 Mai 2011, vol. 52, no. 5, pp. 199-203, ISSN: 1841-3323 (*Categoria B+*, *Cod CNCISIS 576*).
- [66]. Martineac Corina, **Hebedean Claudia**, Hopârtean M., Ștefănescu S., *Monitoring and Analyzing Power Transformers Case Study for FDEE Transilvania Nord*, *Acta electrotehnica Special Issue Selected Papers from the 4th International Conference on Modern Power Systems MPS2011*, 17-20 Mai 2011, Cluj-Napoca, Romania, Editura Mediamira Science Publisher, ISSN 1841-3323, pp.262-268(*Categoria B+*, *Cod CNCISIS 576*).
- [67]. Antonescu Oana Simona, Munteanu, C., **Hebedean, Claudia**, *Numerical Analysis of the Transients Propagation on Overhead Lines*, *IEEE 11th International Conference on Electrical power Quality EPQU 2011*, 17-19 oct 2011, Lisbon, Portugal, ISSN 2150-6647 [Google Scholar](#) **BDI**.
- [68]. **Hebedean Claudia**, Munteanu C., Răcășan Adina, Antonescu Oana, *Parasitic Capacitance Cancellation for EMI Filters with an Embedded Ground Layer*, *Analele Universitatii din Craiova*, vol. 1, no. 35, Craiova, Romania, pp. 13-18, ISSN 1842-4805, indexat în baze de date [Google Scholar](#) (*Categoria B+*: *Cod CNCISIS 174*). **BDI**

2010

- [69]. Răcășan Adina, Munteanu C., Țopa V., Pacurar Claudia, **Hebedean Claudia**, Lup S., *Reducing the Parasite Capacitance of EMI Filters using the Staggered Winding*, *Buletinul Institutului Politehnic din Iași Sectia: electrotehnica, energetica, electronica, EPE2010*, Iași, România, October 28-30, 2010, pp. 107-110, ISBN 978-606-13-0071-6, (*Categoria B+*: *Cod CNCISIS 87*).
- [70]. Răcășan Adina, Munteanu C., Țopa V., Pacurar Claudia, **Hebedean Claudia**, Antonescu Oana, *HF Losses Increase of the Planar Integrated EMI Filters by Multi-Metal Metalization of the Windings*, *Buletinul Institutului Politehnic din Iași Sectia: electrotehnica, energetica, electronica, EPE2010*, Iași, România, October 28-30, 2010, pp. 83-86, ISBN 978-606-13-0071-6, (*Categoria B+*: *Cod CNCISIS 87*).
- [71]. Răcășan Adina, Munteanu C., Țopa V., Pacurar Claudia, **Hebedean Claudia**, Lup S., *Advances on Parasitic Capacitance Reduction of EMI Filters*, *Analele Universitatii din Craiova- Seria Inginerie Electrica, ICATE 2010*, Craiova, Romania, October 8-9, 2010, pp. 220-223, ISSN 1842-4805, indexat în baze de date [Google Scholar](#) (*Categoria B+*: *Cod CNCISIS 174*). **BDI**
- [72]. Răcășan Adina, Munteanu C., Țopa V., Pacurar Claudia, **Hebedean Claudia**, *Electromagnetic modelling of the Planar Integrated LC Cells using the Transmission Lines Generalized Model*, *SNET 2010*, Bucuresti, Romania.
- [73]. Pleșa, C., Pocan, I., Vădan, I., Munteanu C., **Hebedean Claudia**, Morar, R., Pleșa, T., *Horizontal Laboratory Vibratory Conveyors Electromagnetic Compatible for Electro separators*, *Proceedings of the 3rd Modern Power Systems Conference, MPS 2010 Cluj-Napoca*, 18-21 May 2010, pp. 297-300, Cluj-Napoca, Romania, ISSN 1841-3323 [Google Scholar](#)
- [74]. Pocan I., Munteanu, C., **Hebedean Claudia**, Pleșa, C., Morar, R., Munteanu, I. O. and Suărășan, I., *Conducted Emissions of "The Assembly Corona Electrostatic Separator –High Voltage Source" and Solutions to Reduce them*, *Proceedings of the 3rd Modern Power Systems Conference, MPS 2010 Cluj-Napoca*, 18-21 May 2010, pp. 300-305, Cluj-Napoca, Romania, ISSN 1841-3323 [Google Scholar](#)
- [75]. **Hebedean, Claudia**, Munteanu, C., *Numerica Modelling of Microstrip Patch Antennas*, *Acta Electrotehnica*, 4 Noiembrie 2010, Cluj-Napoca, Romania, ISSN 1841-3323, Editura Mediamira Science Publisher, pp. 281-284 [Google Scholar](#)

CARTI

1. Claudia Hebedean, Laura Grindei, "Baze de date în Inginerie Electrică", Editura UTPRESS, 2014, Cluj Napoca, ISBN 978-973-662-974-7, 184 pagini
2. Adina Răcășan, Călin Munteanu, Vasile Țopa, Claudia Păcurar, Claudia Constantinescu, "Modelarea numerică a câmpului electromagnetic. Îndrumător de laborator. Volumul I", Editura UTPRESS, 2016, Cluj Napoca, ISBN 978-606-737-195-6, 228 pagini
3. Claudia Constantinescu, Călin Munteanu, Adina Răcășan, Studiul filtrelor EMI realizate în tehnologie electromagnetică planară. De la celula LC la structura optimizată a unui filtru, Editura UTPRESS, 2015, Cluj Napoca, ISBN 978-606-737-095-9, 221 pagini

TEZA DE DOCTORAT

"Contribuții la îmbunătățirea performanțelor filtrelor realizate în tehnologie electromagnetică planară", Conducător științific Prof.Dr.Ing. Călin Munteanu, susținută septembrie 2012, Cluj-Napoca

PROIECTE

Membru proiect de cercetare PN-II-RU-TE-2014-4-0199, Nr. 183/1.10.2015, Dezvoltarea unor noi metodologii pentru analiza și proiectarea optimă a bobinelor spirală multistrat utilizate în aplicații de radiofrecvență, 2015-2017

LUCRARI DE LABORATOR REDACTATE ȘI REALIZATE PRACTIC

1. Introducere în baze de date. Organizarea datelor-diagrama entitate asociere. Proiectarea unei baze de date
2. Crearea și manipularea bazelor de date și a tabelor în MySQL
3. Funcții. Popularea tabelor cu date și modificarea acestora în MySQL
4. Instrucțiuni pentru interogarea bazelor de date în MySQL
5. Vederi. Utilizarea indecșilor. Proceduri stocate. Triggere. Aspecte legate de securitate în MySQL
6. Crearea unei baze de date în Microsoft Access
7. Proiectarea unei aplicații cu baze de date online

