MEMORIU ȘTIINȚIFIC

Student-doctorand: Mihaela GHITA (căsăt. GRIB)

Studii de doctorat

Perioada: 2020 - 2025

Conducător ştiinţific: Mihai IORDACHE

Domeniu: INGINERIE ELECTRICĂ

Titlul tezei de doctorat: **Contribuţii privind adaptarea impedanţelor în circuitele analogice şi în reţelele de comunicaţie**

Activitate ştiinţifică

A. Lista de lucrări ştiinţifice (articole în reviste sau volume)

1. **Mihaela GRIB**, Mihai IORDACHE, Dragos NICULAE, Marilena STĂNCULESCU, Maria Lavinia BOBARU, Alexandru GRIB, „Using the Smith diagram in the analysis of high-frequency analog circuits”, Rev. Roum. Sci. Techn.– Électrotechn. et Énerg., Vol.70, Issue 3, Bucharest, 2025, https://doi.org/10.59277/RRST-EE.2025.3.13 , WOS:001577105100006, pp. 361–366;
2. **Mihaela GRIB**, Ioana-Gabriela SIRBU, Lucian MANDACHE, Marilena STANCULESCU, Mihai IORDACHE, Lavinia BOBARU, and Dragos NICULAE, “Generation Algorithms for Thévenin and Norton Equivalent Circuits”, ISBN: 1996-1073 ENERGIES, Vol. 18, Issue 6, https://doi.org/10.3390/en18061344 , Published March 10 2025, WOS:001453861100001, pp. 1 – 18;
3. Mihaela POPESCU, Marilena STANCULESCU, Mihai IORDACHE, Lavinia BOBARU, Dragos NICULAE, **Mihaela GRIB**, „Computing the Parameters of the Impedance Circuit Matching”, International Conference on Applied and Theoretical Electricity Craiova, Octombrie 2024, Publisher IEEE, Date Added to IEEE Xplore: 14 November 2024, Electronic ISSN: 2688-0962, https://doi.org/10.1109/ICATE62934.2024.10748638
4. Dragos NICULAE, Mihai IORDACHE, Lavinia BOBARU, Marilena STANCULESCU, **Mihaela GRIB**, Ovidiu LAUDATU, „Adapting the Impedance of The Signal Transmission Lines”, 10th International Conference on Modern Power Systems (MPS), June 2023, Published IEEE, Date Added to IEEE Xplore: 27 July 2023, https://doi.org/10.1109/MPS58874.2023.10187513;
5. **Mihaela GRIB**, Maria Lavinia BOBARU, Mihai IORDACHE, Marilena STĂNCULESCU, Georgiana REZMERIȚĂ, Mihai ROTARU, „The Use of Smith Diagram for Impedance Matching”, Proceedings of the The 10th International Conference on Modern Power Systems 21 – 23 June 2023 (MPS 2023), Published IEEE, Date Added to IEEE Xplore: 27 July 2023, ISBN Information:

Electronic ISBN:979-8-3503-2682-6, Print on Demand (PoD) ISBN: 979-8-3503-2683-3, https://doi.org/10.1109/MPS58874.2023.10187467;

6. Zoltan ERDEI, Cristian BARZ, Alexandru GRIB, **Mihaela GRIB**, „Study of a Residual Current Device behavior for Half-Waves and Break Times Corelated with the Phase Angle of Tripping Currents", 2023 10th International Conference on Modern Power Systems (MPS), Publisher IEEE, Date Added to IEEE Xplore: 27 July 2023, https://doi.org/10.1109/MPS58874.2023.10187564;
7. **Mihaela GRIB**, Mihai IORDACHE, Alexandru GRIB, Horatiu POPESCU, Ovidiu LAUDATU, Marius STANILOIU, „The use of Thévenin, Norton and hybrid equivalent circuits in the analysis and polarization of nonlinear analog circuits", 12th International Conference and Exposition on Electrical and Power Engineering, Iasi Romania, Oct 2022, Publisher IEEE, Date Added to IEEE Xplore: 25 November 2022, https://doi.org/10.1109/EPE56121.2022.9959871

B. Participări la conferințe/workshop-uri

1. The 10th International Conference on Modern Power Systems 21 – 23 June 2023 (MPS 2023), Cluj Napoca, Romania
2. 12th International Conference and Exposition on Electrical and Power Engineering, Iasi Romania, Oct 2022

Student-doctorand,

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Conducător de doctorat,

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