Nume Prenume: Neamțu Marius Ovidiu
Gradul didactic: Conferențiar

Instituția unde este titular: Universitatea din Oradea

Facultatea de Inginerie Electrică şi Tehnologia Informaţiei
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L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

"Contribuţii la studiul teoretic şi experimental al sistemelor de alimentare pentru motoarele de curent alternativ", Conducător ştiinţific Prof.dr.ing. Mircea CĂLUGĂREANU, Universitatea din Pitești, 156 pag., confirmată în baza Ordinului Ministerului Educaţiei şi Cercetării nr. 3570 din 19.04.2002.

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

1. Ovidiu Marius Neamțu Convertoare electronice de putere, Editura Universității din Oradea, ISBN 978-606-10-2121-5, 120 pg.,2020.

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

1. **O. M. Neamtu**, "An Approximation of the Time Limit Lead-Acid Battery for an Isolated House," 2025 18th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2025, pp. 1-4, doi: 10.1109/EMES65692.2025.11045631.
2. **Ovidiu Marius Neamtu**, An Estimate of the Operating Time of a Li-Ion Battery for Supplying a Three-Phase Power Converter with a Dynamic Random Load, ISFEE 2023
   WOS:001324614500015
3. **Ovidiu Marius Neamtu**, An Anticipation of the Maximum Operating Time for an Electric Vehicle, JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING - Vol. 17, nr.2 , October 2024, ISSN: 1844-6035, University of Oradea Publisher, pp.35-38. 2024 Scopus
4. Ioan Mircea Gordan, **Ovidiu Marius Neamțu**, Fuzzy Logic for Improvement PID Control in D.C. Motor Speed, JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING - Vol. 15, nr. 2, October 2022, ISSN: 1844-6035, University of Oradea Publisher, pp.33-36.
5. **Neamtu, Ovidiu Marius**, Gordan, Cornelia Emilia, Gordan, Ioan Mircea, A Computer Control for Electronics Actions of Smart Voice Interactive Devices, 16th International Conference on Engineering of Modern Electric Systems (EMES), ISBN 978-1-6654-4995-3, pp. 138–141, 2021.
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6. **Marius Ovidiu Neamtu**, Mugur Balan, Dorin Petreus, Teodor Leuca, Trip Nistor Daniel, Consideration on a Geothermal Electric Power Generator Based on Organic Rankine Cycle as a Part of a Smart Grid, Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. Vol. 62, 4, pp. 431–435, 2017.
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7. **Neamtu Marius Ovidiu**, Trip Nistor Daniel, Adrian Burca, Low Power Renewable Energy System used for Power Back-up Applications, 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), 2017.
   WO S:000428032300051
8. **Neamtu Marius Ovidiu**, Trip Nistor Daniel An Photovoltaic System Tester with Three-Phase Off-Grid Supply Simulation testing with real-equivalent parameters or photovoltaic panels and electronic converter, 22nd International Symposium for Design and Technology in Electronic Packaging (SIITME), ISBN 978-1-5090-4445-0, 2016 IEEE, pp.191-194.
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9. Trip, Nistor Daniel; **Neamtu, Marius Ovidiu**, DSP Based Interconnection Circuit of the Renewable Energy Sources to a Smart Grid General presentation, 2016 IEEE 22ND INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY AND ELECTRONIC PACKAGING (SIITME), Pages: 126-129,Published: 2016,
   WOS:000390557400025
10. **Marius Ovidiu Neamtu**, Nistor Daniel Trip, Geothermal Generator for Grid Greenhouse. Electrical Power Generator for Supplying Microgrid, The 18th International Conference on ELECTRICAL DRIVES and POWER ELECTRONICS, EDPE 2015, pp. 173-176
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Data: 01.10.2025 **Semnătura:**