

**Lista publicațiilor: Ermurațchii Vladimir (24), Descărcări - 8, Vizualizări - 10569**  
**Publicații peste hotare - 24 articole.**

## **2022 - 1**

1. Olesciuk, Valentin. Ermurațchii, Vladimir. Vasileva, Irina. Synchronous Adjustment of Three Modulated Inverters of Grid- Tied Photovoltaic Installation. *IEEE KhPI Week on Advanced Technology*. 2022. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 0-0.

## **2020 - 4**

2. Olesciuk, Valentin. Ermurațchii, Vladimir. Vasileva, Irina. Review of Overmodulation Control Techniques of Drive Inverters with Synchronous Space-Vector PWM. *Conference on Development and Application Systems*. Ediția a XV-a. 2020. Suceava, România. Institute of Electrical and Electronics Engineers Inc.. 98-105.
3. Olesciuk, Valentin. Ermurațchii, Vladimir. Two-inverter-based photovoltaic installation adjusted by the modified scheme of space-vector modulation. *Technical Electrodynamics*. 2020, nr. 5, 26-30. ISSN 1607-7970, ISSNe 2218-1903.
4. Olesciuk, Valentin. Ermurațchii, Vladimir. Double-Delta-Winding System with Neutral-Point-Clamped Converters Controlled by Synchronous Multi-Zone PWM. *The proceedings of the institute of electrodynamics of the National Academy of Sciences of Ukraine*. 2020. Kiev. Institute of electrodynamics of the National Academy of Sciences of Ukraine. 0-0.
5. Olesciuk, Valentin. Ermurațchii, Vladimir. PWM Switching Strategy of Three-Phase Inverters for Synchronous Control of Double-Delta-Winding System. *IEEE KhPI Week on Advanced Technology*. 2020. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 268-272.

## **2019 - 6**

6. Olesciuk, Valentin. Ermurațchii, Vladimir. Synchronous balanced regulation of multiphase system based on modulated diode-clamped inverters. *Technical Electrodynamics*. 2019, nr. 5, 27-35. ISSN 1607-7970, ISSNe 2218-1903.
7. Olesciuk, Valentin. Ermurațchii, Vladimir. Pastor, Marek. Alternative methods of synchronous space-vector PWM for transport-oriented converters and drives. *International Conference on Electrical Drives and Power Electronics*. Ediția a 20-a. 2019. Weiterstadt, Germania. KoREMA. 327-334.
8. Olesciuk, Valentin. Ermurațchii, Vladimir. Barrero, Federico. Multilevel Installation Based on Voltage Source Inverters Controlled by Synchronous Multi-Zone PWM. *Sielmen*. Ediția 13. 2019. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 0-0.

9. Olesciuk, Valentin. Ermurațchii, Vladimir. Novel Methods, Schemes and Techniques of Synchronous Modulation for Control of Transport Power Conversion Systems: An Overview. *Electric Vehicles International Conference*. 2019. New Jersey. . 0-0.
10. Olesciuk, Valentin. Ermurațchii, Vladimir. Open-end winding multiphase installation regulated by modified techniques of space-vector PWM. *Ukraine Conference on Electrical and Computer Engineering*. Ediția a 2-a. 2019. New Jersey, Statele Unite. Institute of Electrical and Electronics Engineers Inc.. 299-304.
11. Olesciuk, Valentin. Ermurațchii, Vladimir. Review of Methods and Techniques of Space-Vector PWM for Dual and Triple Inverters of PV Systems. *Sielmen*. Ediția 13. 2019. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 0-0.

## 2018 - 1

12. Olesciuk, Valentin. Ermurațchii, Vladimir. Six-phase multi-inverter system with power balancing and voltage waveform symmetries. *International Conference on Intelligent Energy and Power Systems*. Ediția a 3-a. 2018. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 259-264.

## 2017 - 2

13. Olesciuk, Valentin. Ermurațchii, Vladimir. Modified schemes of control and modulation of neutral-point-clamped inverters of PV installation. *International Symposium on Electrical and Electronics Engineering*. Ediția 5, Vol. 2017. 2017. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 1-4.
14. Olesciuk, Valentin. Ermurațchii, Vladimir. Multi-inverter drive with symmetrical multilevel winding voltage of transformer during overmodulation. *International Symposium on Electrical and Electronics Engineering*. Ediția 5, Vol. 2017. 2017. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 1-4.

## 2016 - 2

15. Olesciuk, Valentin. Ermurațchii, Vladimir. Barrero, Federico. Multi-inverter split-phase traction drive with nonlinear control modes and voltage symmetries. *International Conference on Intelligent Energy and Power Systems*. Ediția a 2-a. 2016. New Jersey, SUA. Institute of Electrical and Electronics Engineers Inc.. 0-0.
16. Olesciuk, Valentin. Ermurațchii, Vladimir. Barrero, Federico. Analysis and synthesis of symmetrical output voltage of three-level converters with space-vector PWM. *Technical Electrodynamics*. 2016, nr. 5, 17-19. ISSN 1607-7970, ISSNe 2218-1903.

## 2015 - 6

17. Olesciuk, Valentin. Ermurațchii, Vladimir. Flexible PWM Scheme of Voltage Synchronization for Three-Level Cascaded Converter. *Sielmen*. Ediția 10. 2015. Craiova, România. Editura ALMA. 465-470.
18. Ermurațchii, Vladimir. Grițai, Mihail. Olesciuk, Valentin. Practical Research of Two Structures of Agricultural Solar. *Sielmen*. Ediția 10. 2015. Craiova, România. Editura ALMA. 536-539.
19. Olesciuk, Valentin. Ermurațchii, Vladimir. Barrero, Federico. Combined PWM control of multi-inverter installation with two DC-links. *International Conference on Electrical Drives and Power Electronics*. Ediția 18. 2015. New Jersey. Institute of Electrical and Electronics Engineers Inc.. 94-98.
20. Ermurațchii, Vladimir. Olesciuk, Valentin. Blaabjerg, Frede. Experimental investigation of two modified energy-saving constructions of solar greenhouses. *International Conference on Renewable Energy Research and Applications*. Ediția 4. 2015. New Jersey. Institute of Electrical and Electronics Engineers Inc.. 339-342.
21. Olesciuk, Valentin. Ermurațchii, Vladimir. Multiphase power conversion system with hybrid switching strategy of modulated inverters. *Technical Electrodynamics*. 2015, nr. , 31-35. ISSN 1607-7970, ISSN<sub>e</sub> 2218-1903.
22. Olesciuk, Valentin. Ermurațchii, Vladimir. Pwm control of dual diode-clamped converters for PV installation. *Technical Electrodynamics*. 2015, nr. , 19-23. ISSN 1607-7970, ISSN<sub>e</sub> 2218-1903.

## 2014 - 2

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24. Ermurațchii, Vladimir. Olesciuk, Valentin. Application of methods of electrotechniques for calculation of heating regimes of capacitive solar heater. *Technical Electrodynamics*. 2014, nr. , 23-25. ISSN 1607-7970, ISSN<sub>e</sub> 2218-1903.