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Cursuri predate

[Electronică industrială 2](#)

[Modelarea și simularea convertoarelor de putere](#)

Domenii de interes

Electronică industrială

Tehnici PWM

Publicații selectate

- [1] Tigaeru L., Alexa D., Ursaru O., "A New Analog PWM Modulation Function Circuit", *Proc. IEEE Conf. Power Electron. and Drives*, 2008
- [2] Tigaeru L., Ursaru O., "Fuzzy Logic Controller for DC-DC Converter", *Proc. IEEE Conf. Power Electron. and Drives*, 2008
- [3] Lucanu M., Ursaru O., Aghion C., "Single Phase AC Chopper with Improved Efficiency", *Proc. IEEE Conf. Power Electron. and Drives*, 2005
- [4] Aghion C., Ursaru O., "Modelling and Simulation of a Three-Phase Inverter", *Proc. IEEE Conf. Power Electron. and Drives*, 2005
- [5] Aghion C., Ursaru O., Lucanu M., Tigaeru L., "PWM Control for P", *Proc. IEEE Conf. Power Electron. and Drives*, 2007
- [6] Ursaru O., Aghion C., Lucanu M., Tigaeru L., "Pulse Width Modulation Comm", *Proc. IEEE Conf. Power Electron. and Drives*, 2007
- [7] Ursaru O., Aghion C., Lucanu M., "Hysteretic-Controlled Voltage Regulator Using Integrated Circuit L", *Proc. IEEE Conf. Power Electron. and Drives*, 2007
- [8] Aghion C., Ursaru O., Lucanu M., "Three-Phase Motor Control Using Modified Reference Wave", *Electr. Eng.*, 2007
- [9] Aghion C., Ursaru O., "Software Implementation For Acim Motor Control", *International Review of Elec.*, 2007
- [10] Ursaru O., Aghion C., "Multilevel Inverters With Imbricated Switching Cells, Pwm And Dpwm-Control", *Proc. IEEE Conf. Power Electron. and Drives*, 2007

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