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**Cursuri predate**

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### **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 Int. Conf. on Fuzzy Systems*, 2005, pp. 105-108.
- [2] Tigaeru L., Ursaru O., "Fuzzy Logic Controller for DC-DC Converter", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2004, pp. 1704-1707.
- [3] Lucanu M., Ursaru O., Aghion C., "Single Phase AC Chopper with Improved Efficiency", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2005, pp. 597-600.
- [4] Aghion C., Ursaru O., "Motor Control Software for a Three-Phase Inverter", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2005, pp. 1704-1707.
- [5] Aghion C., Ursaru O., Lucanu M., Tigaeru L., "PWM Control for a Three-Phase Inverter", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2007, pp. 429-432.
- [6] Ursaru O., Aghion C., Lucanu M., Tigaeru L., "Pulse Width Modulation Commutation for a Three-Phase Inverter", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2007, pp. 429-432.
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- [8] Aghion C., Ursaru O., Lucanu M., "Three-Phase Motor Control Using Modified Reference Wave", *Electronics Letters*, 2007, pp. 1704-1707.
- [9] Aghion C., Ursaru O., "Software Implementation For Acim Motor Control", *International Review of Electrical Engineering*, 2007, pp. 1704-1707.
- [10] Ursaru O., Aghion C., "Multilevel Inverters With Imbricated Switching Cells, Pwm And Dpwm-Control", *Proc. IEEE Int. Conf. on Fuzzy Systems*, 2007, pp. 429-432.

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