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Cursuri predate
Conducere doctorat

Domenii de interes
Convertoare de putere de mare randament
Electronica industrială

Publicații selectate [1] Alexa D., Sirbu A., "Optimized Combined Harmonic Filter and DC Link System for a Three-Phase Inverter", *IEEE Trans. on Industrial Electronics*, vol. 51, no. 6, pp. 1110-1120, 2004.
[2] Alexa D., Sirbu A., "An Analysis of Extended Phase-Shifted PWM for a Three-Phase Inverter with Near Sinusoidal Input Currents", *IEEE Trans. on Industrial Electronics*, vol. 51, no. 6, pp. 1110-1120, 2004.
[3] Alexa D., Sirbu A., "DC-Link Voltage Ripple Reduction in a Three-Phase Inverter with Near Sinusoidal Input Currents", *IEEE Trans. on Industrial Electronics*, vol. 51, no. 6, pp. 1110-1120, 2004.
[4] Alexa D., Sirbu A., "A New Approach to the Design of a Three-Phase Inverter with Near Sinusoidal Input Currents and Capacitive Load", *IEEE Trans. on Industrial Electronics*, vol. 51, no. 6, pp. 1110-1120, 2004.
[5] Alexa D., Goras T., Sirbu A., "Power Analysis of a Two-Quadrant Converter", *IEEE Trans. on Industrial Electronics*, vol. 51, no. 6, pp. 1110-1120, 2004.

Alte activități
Membru al *IEEE Industrial Electronics Society*
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