

**ELECTROTECHNICS. ENERGETICS. ELECTRONICS**

C O N T E N T S

	<u>Pp.</u>
HUGO ROSMAN, Relations de réciprocité en champs électromagnétiques, en régime permanent périodique non-harmonique (French, Romanian summary) .....	7
CAMELIA PETRESCU, Finite Element Analysis of an Industrial Radio-Frequency Applier (English, Romanian summary) .....	17
HUGO ROSMAN, Le rendement de la transmission de la puissance active par un quadripôle général linéaire, non-autonome, passif et réciproque, alimenté en régime permanent harmonique, simultanément, aux portes (1), (1') et (2), (2') (French, Romanian summary) .....	23
VALERIU MUNTEANU and DANIELA TĂRNICERIU, Semantic Sources Encoding on Noiseless Channels (English, Romanian summary) .....	31
DANIELA TĂRNICERIU, VALERIU MUNTEANU and FLORIN-SPIRIDON BELDIANU, Discrete Cosine Transform Quantization Matrices for Individual Images (English, Romanian summary) .....	39
LUMINIȚA SCRIPCARIU and PETRUȚ DUMA, Weight-Enumerating Functions of Serial Concatenated Convolutional Codes (English, Romanian summary) .....	51
ADRIAN CREȚU, CARMEN COJOCARU-FILIPUIC and ADRIANA-IOANA LEFTER, On the Short-Circuit Transient Regime of the Linear Current Transformer with Two- Stages (English, Romanian summary) .....	59
CRISTIAN ZET, CRISTIAN FOȘALĂU and EMIL VREMERĂ, A New Magnetic Field Transducer Based on Magneto-impedance Amorphous Wires (English, Romanian summary) .....	67
ALIOȘA HRIȚCU, The Moore in Mealy Conversion of an Automaton (English, Romanian summary) .....	79
I. GOȘEA and CRISTIAN PĂTRAȘCU, Inductive Heating with Autonomous Inverters with Energy Dosage (English, Romanian summary) .....	83

	<u>Pp.</u>
I. GOȘLA and CRISTIAN PĂTRAȘCU, Control System of Resonant Inverters in Inductive Heating Applications (English, Romanian summary) .....	91
COSTEL PETREA, Rectifiers with Galvanic Insulation and Corrected Power Factor (English, Romanian summary) .....	97
I. ANDRONE and ADRIANA-LEENA PRISACABU, Series-Parallel Connection of a Three-Phase Induction Motor Single-Phase Fed (English, Romanian summary) .....	107
VIOREL VARVARA and GH. GEORGESCU, The Sizing of the Absorption Filters that Might be Used to Improve the Non-Sinusoidal State in Public Distribution Networks (English, Romanian summary) .....	115
BOGDAN HNATHU C, STÉPHANE PELLERIN, EUGEN HNATHUC and RADU BURLICA, Electrical and Optical Analysis for Physical Description of a Double Spark (English, Romanian summary) .....	123
PETRUȚ DUMA and LUMINIȚA SCRIPCARIU, Monitor Program for Development System Equipped with AT89S52 Microcontroller (English, Romanian summary) .....	135
CIPRIAN NEMEȘ, D. IVAS and FLORIN MUNTEANU, Estimating the Failure Density Function Using the Stress-Strength Interference Model (English, Romanian summary) .....	145