

ELECTROTECHNICS. ENERGETICS. ELECTRONICS

CONTENTS	Pp.
HUGO ROSMAN, Penetration of an Electromagnetic Field in a Lossy, Infinite, Conducting Half-Space (English, Romanian summary)	7
CAMELIA PETRESCU, Determination of the Total Complex Impedance of Plane Electromagnetic Waves Impinging Normally on a Lossy Dielectric Layer (English, Romanian summary).	23
VALERIU MUNTEANU and DANIELA TĂRNICERIU, Compared Analysis of Encoding Techniques Used in Space Time Transmissions (English, Romanian summary)	33
DANIELA TĂRNICERIU and VALERIU MUNTEANU, Optimal Techniques Used in Turbo Space Codes (English, Romanian summary)	43
HUGO ROSMAN, On Linear and Non-Autonomous Two-Ports, Supplied Simultaneously at Their Gates with Harmonic Currents Having the Same Frequency (English, Romanian summary)	55
NIRVANA POPESCU, D. POPESCU and C. POPESCU, Digital System for Wave Generators Implemented in Complex Programmable Logic Devices (English, Romanian summary).	61
M. POBORONIUC, An Overview on Neuroprosthesis Control and Test (English, Romanian summary).	69
ANATOLI PETRICHEI, DIMITRIE ALEXA, IRINEL-VALENTIN PLETEA, MARIANA PLETEA and ROXANA BUZATU, Frequency Converter with RNSIC Converter and with PWM Inverter for Vectorial Self-Control of the Induction Machine (English, Romanian summary)	83
PETRUȚ DUMA and LUMINIȚA SCRIPCARIU, Coordinates Display Equipped with Microcontroller AT89S8253 (English, Romanian summary)	93
LAURENȚIU-FLORIN BUBUIANU, Extended Fuzzy Logic Theory (Type-2 Fuzzy Sets) in Autonomous Robot Navigation (English, Romanian summary).	99
CIPRIAN NEMEȘ, A Probabilistic Model for Circuit Breaker Adequability (English, Romanian summary)	109