

ELECTROTECHNICS. ENERGETICS. ELECTRONICS

C O N T E N T S	Pp.
MIRCEA DOBRICEANU, GHEORGHE-EUGEN SUBȚIRELU and MIHAIȚĂ LINCA, Wireless Monitoring System for Energetic Parameters from Traction Substations (English, Romanian summary)	9
MARIA BROJBOIU and VIRGINIA IVANOV, Concerning the Matlab GUI to Set the Preventive Maintenance Program of the Machinery for a Given Production System (English, Romanian summary)	19
OLIMPIU STOICUȚA, TEODOR PANĂ, ROBIN MOLNAR, EMIL SERGIU ANDRAȘ and DANIEL DEACONU, Online Compensation of Effects Caused of the Induction Motor Electrical Parameters Variations for Extended Luenberger Observer (English, Romanian summary)	29
ALINA-GEORGIANA BACIU, GHEORGHE LIVINT, DĂNUȚ IRIMIA and MARIAN SILVIU POBORONIUC, Battery/Supercapacitor Hybridization – Solution to Improve Efficiency of a Vehicular System (English, Romanian summary)	45
CORNELIU BOTAN, VASILE HORGĂ and MARCEL RĂȚOI, Optimal Control of an Electrical Drive System with Current Controlled Induction Motor (English, Romanian summary)	57
DĂNUȚ CONSTANTIN IRIMIA, ALINA GEORGIANA BACIU, DANIEL ADRIAN STICEA and MARIAN SILVIU POBORONIUC, New FES-Robotic Glove Hybrid System for Hand Motor Functions Rehabilitation (English, Romanian summary)	73
PETRU VÎRLAN, PETRU TODOS and NUCA ILIE, Technology for the Implementation of Remote Laboratories (English, Romanian summary)	83
MIHAELA-CODRUȚA ANCUTI, SORIN MUŞUROI, MARCUS SVOBODA, CIPRIAN ŞORÂNDARU and VALERIU-NICOLA OLĂRESCU, Rectifiers Ensuring High Efficiency in Unity Power Factor Correction Applications (English, Romanian summary)	93
MARIUS ANDREI OLARIU and ALEXANDRU ARCIRE, Methane and Hydrogen Gas Sensing Properties of Fullerenes C60 for Breath Analyzing Purposes (English, Romanian summary)	103
ROXANA-DANIELA AMĂRIUȚEI and LIVIU GORAȘ, A Note on Modelling Approaches for a DC-DC Buck Converter with Software Control Loop (English, Romanian summary)	121