

CONTENTS

<i>The Use of Helmholtz Coils Designed for 50 Hz at Higher Frequencies – Georgiana Roșu, Ionel Dumbravă, Ion Pătru, Aurelia Scornea, Octavian Baltag, Andrei Marinescu</i>	1
<i>Wireless Remote Control for the Anti-Hail Missiles Launch Ramp Positioning System – Sorin Stepan, Gheorghe Manolea</i>	9
<i>Influence of Synchronized Measurement Errors on the Results of Identification of the Transmission Line Parameters – Murdid Ecaterina, Boris Jingan, Dobrea Ina, Vasilos Elena</i>	14
<i>Metamaterials – Current and Future Trends – Elena Helerea, Lia- Elena Aciu</i>	20
<i>Virtual Instrumentation for Study of Shape Memory Alloys Strip while Bending – Gheorghe-Eugen Subțirelu, Sonia Degeratu</i>	29
<i>Aspects Regarding the Impact of Electrical Vehicles' Charging on Power Quality – Denisa Rușinaru, Gabriel Cosmin Buzatu, Leonardo Geo Mănescu, Claudiu Popirlan</i>	36
<i>'Open Ended' Laboratory to Study the Influence of Unit's Weight on Axle Torque in Railway Traction – Petropol Șerb Gabriela Dana, Petropol Șerb Ion</i>	43
<i>Constructive Dimensions Optimization for Asynchronous Motors used in Coal Mills – Raluca-Cristina Presură (Nicolae), Sorin Enache, Ion Vlad, Marian-Ștefan Nicolae</i>	49
<i>Program for Monitoring Operation Regimes of Low-Power Electrical Machines – Sorin Enache, Ion Vlad, Monica-Adela Enache</i>	55
<i>Contributions Regarding the Monitoring in the Command Center of the Anti-Hail Launch Pads – Sorin Stepan, Gheorghe Manolea</i>	61
<i>Numerical Modeling of Thermal Comfort Parameters in Residential Buildings – Radu-Cristian Dinu, Daniela Popescu, Ioana-Gabriela Sirbu, Dan-Gabriel Stănescu</i>	65
<i>Studies on the Command of Single-Phase Rectifiers Using the Scalar Control Technique – Florin Alexandru Teodorescu</i>	71

