
□ 5

TECHNICAL ELECTRODYNAMICS 2013

CONTENTS

Title: [TO THE 80TH ANNIVERSARY of Member of NAS Ukraine A.K.SHYDLOVSKYI](#)

Source: Tekhnichna Elektrodynamika 5: 3–4, 2013

Subject Categories: Theoretical electrical engineering and electrophysics

Title: [Multilevel Model of Interdependent Transients in Circuits of Electrodischarge Installations with Stochastic Load](#)

Authors: SUPRUNOVSKA N.I., IVASHCHENKO D.S.

Source: Tekhnichna Elektrodynamika 5: 5–13, 2013

Subject Categories: Conversion of electric energy parameters

Title: [Application of Differential Equations Theory with Impulse Excitation for Processes Analysis at Pulse Voltage Converters](#)

Authors: SHYDLOVSKA N.A., RUDENKO Yu.V.

Source: Tekhnichna Elektrodynamika 5: 14–17, 2013

Title: [Determining of the Controller Parameters of the QZS DC/DC Converter Control System Providing Small Signal Stability](#)

Authors: HUSEV O.O.

Source: Tekhnichna Elektrodynamika 5: 18–23, 2013

Subject Categories: Electromechanical energy conversion

Title: [Adaptive Control of Stator Currents for Self-Commissioning of Induction Motor Drives](#)

Authors: PERESADA S., KOVBASA S., PRYSTUPA D., LYSHEVSKI S.E.

Source: Tekhnichna Elektrodynamika 5: 24–31, 2013

Title: [Estimation of Electric Machines and Their Series Using Parameter Functional Dependences on the Generalized Linear Size](#)

Authors: ZAGIRNYAK M., PRUS V., NEVZLIN B.

Source: Tekhnichna Elektrodynamika 5: 32–40, 2013

Title: [Magnetic Field of Currents Winding Stator of the Synchronous Motor with Hollow Rotor](#)

Authors: VISHTAK T.V., KARLOV A.N., KONDRATENKO I.P., RASHCHEPKIN A.P.

Source: Tekhnichna Elektrodynamika 5: 41–46, 2013

Title: [The Force Interactions in Turbogenerator in Different Steadystate Working Conditions](#)

Authors: MILYKH V.I., POLIAKOVA N.V.

Source: Tekhnichna Elektrodynamika 5: 47–54, 2013

Subject Categories: Electric power systems and installations

Title: [Operation Evaluation of Power Plants in the Provision of Ancillary Services of Primary and Secondary Frequency Control in the Ukrainian Power System](#)

Authors: KYRYLENKO O.V., BLINOV I.V., PARUS E.V.

Source: Tekhnichna Elektrodynamika 5: 55–60, 2013

Title: [Solution of the Overhead Distribution Networks Optimal Sectionalizing Problem under the Condition of Reliability Indices Standardization](#)

Authors: ZHARKIN A.F., POPOV V.A., TKACHENKO V.V.

Source: Tekhnichna Elektrodynamika 5: 61–69, 2013

Title: [Multi-Protection System Power Grids 6-35kv from Ferroresonance Processes](#)

Authors: ZHURAHIVSKYI A.V., KENS Yu.A., YATSEYKO A.Ya., MASLIAK R.Yu.

Source: Tekhnichna Elektrodynamika 5: 70–76, 2013

Subject Categories: Electrotechnological systems

Title: [Three-Dimensional Simulation of Single-Phase Electromagnetic Stirrer of Liquid Metal](#)

Authors: GLUKHENKYI O.I., GORYSLAVETS Yu.M., TOKAREVSKYI A.V.

Source: Tekhnichna Elektrodynamika 5: 77–84, 2013

Title: [Research Ozone Generation in Pulsed Barrier Discharge](#)

Authors: BLAGA O.V., BOZHKO I.V.

Source: Tekhnichna Elektrodynamika 5: 85–89, 2013

Title: [Adequacy of Electrical Simulation Workflows in a Centrifugal Pump](#)

Authors: BOIKO V.S., SOTNYK M.I.

Source: Tekhnichna Elektrodynamika 5: 90–95, 2013

Title: [TO THE 70TH ANNIVERSARY of Corresponding Member of NAS Ukraine O.I.TYTKO](#)

Source: Tekhnichna Elektrodynamika 5: 96–97, 2013

Institute of Electrodynamics, 2013

