

---

□ 2

## TECHNICAL ELECTRODYNAMICS 2011

---

### CONTENTS

**Subject Categories:** Theoretical electrical engineering and electrophysics

**Title:** [Research of  \$RLC\$  -chain of sinusoidal voltage with controlled inductive element reversing](#)

**Authors:** SHIDLOVSKAIA N.A.

**Source:** Tekhnichna Elektrodynamika 2: 3–10, 2011

**Title:** [The problem of reducing the hollow circular cylinders with arbitrary grating of periods for regular system](#)

**Authors:** TOLMACHEV S.T., YUKHYMOVYCH D.L.

**Source:** Tekhnichna Elektrodynamika 2: 11–17, 2011

**Title:** [Magnetostatic shielding of weld zone near busbar](#)

**Authors:** VOLOKHOV S.A., DERKACH V.V., DOBRODEEV P.N.

**Source:** Tekhnichna Elektrodynamika 2: 18–23, 2011

**Subject Categories:** Conversion of electric energy parameters

**Title:** [Method of time-proportional control of discharge light power](#)

**Authors:** LUPENKO A., MOVCHAN L., NATYAHA V., SYSAK I.

**Source:** Tekhnichna Elektrodynamika 2: 24–29, 2011

**Subject Categories:** Electromechanical energy conversion

**Title:** [Modifications of magnetic system of electrical drive DV-3000 with permanent magnets](#)

**Authors:** HREBENIKOV V.V., PRYIMAK M.V., SHARABAN Yu.V.

**Source:** Tekhnichna Elektrodynamika 2: 30–35, 2011

**Subject Categories:** Electric power systems and installations

**Title:** [Balancing electricity market of Ukraine and his mathematical model](#)

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

**Source:** Tekhnichna Elektrodynamika 2: 36–43, 2011

**Title:** [Simulation methods and soft ware for maintenance of reliability and survivability of the electric power pool of Ukraine with use of new microprocessor devices electric states control for the electric power systems](#)

**Authors:** AVRAMENKO V.M., KRYLOV V.O., CHERNENKO P.O., PRYKHNO V.L., MARTYNIUK A.V., YUNIEIEVA N.T.

**Source:** Tekhnichna Elektrodynamika 2: 44–53, 2011

**Title:** [Measurement of parameters of asymmetrical quick-change three-phase loadings](#)

**Authors:** BURBELO M.Y., MELNYCHUK S.M., NYKYTENKO M.V.

**Source:** Tekhnichna Elektrodynamika 2: 54–56, 2011

**Subject Categories:** Electrotechnological complexes and systems

**Title:** [Electrical parameters and forces of the electromagnetic oscillator for continuous casting machines of billets](#)

**Authors:** VYSHTAK T.V., KONDRATENKO I.P., RASHCHEPKIN A.P.

**Source:** Tekhnichna Elektrodynamika 2: 57–63, 2011

**Subject Categories:** Information-measuring systems in power engineering

**Title:** [Precise comparator of current transformers](#)

**Authors:** SURDU M.N., LAMEKO A.L., MELESHCHUK D.V., KIKALO V.M., KOPSHYN V.V.

**Source:** Tekhnichna Elektrodynamika 2: 64–69, 2011

**Title:** [Investigation the supercapacitor operation within the scope of  \$RC\$  two-units model](#)

**Authors:** IZOTOV V.Yu., GROMADSKYI D.G., RUDNYTSKA H.A.

**Source:** Tekhnichna Elektrodynamika 2: 70–75, 2011

**Title:** [Analysis of threshold sight characteristics in lightning plant with different light sources](#)

**Authors:** TARIANYK M.M., SIROBABA O.O., OVCHYNNYKOV S.S.

**Source:** Tekhnichna Elektrodynamika 2: 76–79, 2011

**Subject Categories: Information**

**Title:** [To the 75th anniversary of member of NAS of Ukraine B.S.STOGNIIA](#)

**Source:** Tekhnichna Elektrodynamika 2: 80, 2011

**Title:** [To the 75th anniversary of corresponding member of NAS of Ukraine S.G.TARANOVA](#)

**Source:** Tekhnichna Elektrodynamika 2: 81, 2011

**Title:** SUBMISSION of Manuscript

**Source:** Tekhnichna Elektrodynamika 2: 82–84, 2011

**Institute of Electrodynamics, 2011**