## ☐ 1 TECHNICAL ELECTRODYNAMICS 2011

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Source: Tekhnichna Elektrodynamika 1: 3–10, 2011

Title: Automatic control of external magnetic field of technical objects

Author: ROZOV V.Yu., ASSUIROV D.A

Source: Tekhnichna Elektrodynamika 1: 11–18, 2011

Title: Analysis of magnetic field of three-dimensional ferrous objects

**Author:** REZYNKINA M.M., LOBZHANIDZE L.E.

Source: Tekhnichna Elektrodynamika 1: 19-23, 2011

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

**Title:** Mathematical model of resonance transistor voltage inverter with low frequency pulse modulation

Author: YURCHENKO O.M., GUTSALIUK V.Y., GERASYMENKO P.Y., SLIESAREVSKYI I.O.

Source: Tekhnichna Elektrodynamika 1: 24-30, 2011

Title: Comparative estimate of transformer-key operation structures of discrete stabilizers and

regulators of alternating voltage

Author: LYPKIVSKYI K.O., KHALIKOV V.A., MOZHAROVSKYI A.G.

Source: Tekhnichna Elektrodynamika 1: 31-36, 2011

**Subject Categories: Electromechanical energy conversion** 

**Title:** Mathematical model of contactless electric machine with permanent magnet excitation

Author: MAKARCHUK O.V.

Source: Tekhnichna Elektrodynamika 1: 37–45, 2011

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

**Title:** Technical aspects of adoption of distributed generation sources in electric mains

Author: KYRYLENKO O.V., PAVLOVSKYI V.V., LUKIANENKO L.M.

Source: Tekhnichna Elektrodynamika 1: 46-53, 2011

**Title:** Calculation of uncertainty interval of electricity losses in distribution network

Author: LEVCHUK A.P.

Source: Tekhnichna Elektrodynamika 1: 54-60, 2011

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Author: STRUZHEVSKI P.

Source: Tekhnichna Elektrodynamika 1: 61-65, 2011

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

**Title:** Laser vibration sensor based on the frequency-phase method of distance measurement

Author: BRAGINETS I.A., ZAITSEV E.A., KONONENKO A.G., MASIURENKO YU.A.,

NYZHENSKYI A.D.

Source: Tekhnichna Elektrodynamika 1: 66-70, 2011

Title: Error estimation of measurements of small tangents of loss angles using active

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Author: BORSHCHEV P.I.

Source: Tekhnichna Elektrodynamika 1: 71–75, 2011

Title: Error estimation of standard conductometric cell conditional on non-equipotentiality of

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Author: GLUKHENKYI A.I., MYKHAL A.A.

Source: Tekhnichna Elektrodynamika 1: 76-82, 2011

Title: Systematic error reduction of capacitive sensor of shaft beats due to deformation of

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Author: LEVYTSKYI A.S., NOVIK A.I.

Source: Tekhnichna Elektrodynamika 1:83-87, 2011

**Subject Categories: Information** 

Title: To the 75th anniversary of corresponding member of NAS of Ukraine I.V.Volkov

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