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Title: [Numerical Simulation of Electric Currents, Magnetic Field and Electrodynamic Forces in Power Transformer at Emergency Operation Using MATLAB/SIMULINK AND COMSOL](#)

Authors: PODOLTSEV A.D., KONTOROVICH L.N.

Source: Tekhnichna Elektrodynamika 6: 3–10, 2011

Subject Categories: Conversion of electric energy parameters

Title: [Continuous Approximate Model of AC/DC Converters with Active Power Factor Correction](#)

Authors: SHYDLOVSKYI A.K., ZHARKIN A.F., PAZIEIEV A.G.

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Title: [Conditions of Development of Sensorless Electromechanical Systems on the Basis of Permanent Magnet Brushless Motors](#)

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Source: Tekhnichna Elektrodynamika 6: 24–30, 2011

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Authors: STAKHIV P., VASYLCHYSHYN I.

Source: Tekhnichna Elektrodynamika 6: 31–35, 2011

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Authors: KYRYLENKO O.V., PAVLOVSKYI V.V., STELIUK A.O., BATALOV A.G.

Source: Tekhnichna Elektrodynamika 6: 36–40, 2011

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Authors: AVRAMENKO V.M., GUREEVA T.M.

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Title: [Modern Information Technologies for Tasks of Electrical Engineering and Increase of Reliability of Power Electrical Equipment](#)

Authors: SHYDLOVSKA N.A., VASETSKYI Yu.M., MYSLOVYCH M.V., KHIMIUK I.V.

Source: Tekhnichna Elektrodynamika 6: 55–70, 2011

Title: [The Laser Frequency-Phase Displacement and Vibration Controllers with Optical Calibration](#)

Authors: BRAHYNETS I.A., ZAITSEV E.A., KONONENKO A.H., MASIURENKO Y.A., NIZHENSKY A.D.

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Authors: MARTYNIUK V.V.

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