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Authors: SHYDLOVSKA N.A., KRAVCHENKQ D.P., SAMOILENKO V.G., POTOROCHA V.V.

Source: Tekhnichna Elektrodynamika 5: 3–6, 2007

Title: Numeral computation of three-dimensional electric fields in open areas by means of

absorbing boundary conditions

Authors: REZINKINA M.I., SCHERBA A.A., PERETYATKO Yu.V.

Source: Tekhnichna Elektrodynamika 5: 7-13, 2007

Title: Quantum-mechanical approach at heating temperature computation of a conductor with

<u>electric conduction current</u> **Authors:** BARANOV M.I.

Source: Tekhnichna Elektrodynamika 5: 14–18, 2007

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Title: Authentication of inner parameters of a thyristor electric drive of constant current by its

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Authors: ORLOVSKYI A.

Source: Tekhnichna Elektrodynamika 5: 19–24, 2007

Title: Investigation of a three-phase valve-reactor source of reactive power (RPS) in an

inductive and a capacitive mode

Authors: FEDIY V.S., NAMESTNIK S.G.

Source: Tekhnichna Elektrodynamika 5: 24–27, 2007

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Title: A mathematical model of ac electronic motor with constant magnets

Authors: MAKARCHUK O.V.

Source: Tekhnichna Elektrodynamika 5: 28–36, 2007

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Authors: YAROSLAVTSEV M.I.

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Title: Problem-oriented monitoring of the UPS modes of Ukraine

Authors: BUTKEVICH O.F.

Source: Tekhnichna Elektrodynamika 5: 39–52, 2007

Title: Specified computation of losses components in a power system caused by reactive

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Authors: VOLKOV A.V., MIROSHNICHENKO O.G. **Source:** Tekhnichna Elektrodynamika 5: 53–58, 2007

Title: Mathematical model of a load center with a transformer and turbo-sets

Authors: CHABAN A.

Source: Tekhnichna Elektrodynamika 5: 59–65, 2007

Title: Frequency responses of high-voltage potential dividers **Authors:** BRZHEZITSKY V.O., KIKALO V.M., PROTSENKO O.R.

Source: Tekhnichna Elektrodynamika 5: 66–70, 2007

Title: Regime Umkatioris on parameters of wind-electric installations operation under load

Authors: PEKUR P.P.

Source: Tekhnichna Elektrodynamika 5: 70–76, 2007

Title: An expert support system of decision making in conditions of uncertainty for units of a

technological complex

Authors: BESHTA O.S., BABENKO T.V.

Source: Tekhnichna Elektrodynamika 5: 76–80, 2007

Abstracts