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Title: Computer simulation of wave processes in a high-voltage cable line with heterogeneous parameters

Authors: SHIDLOVSKY A.K., SCHERBA A.A., PODOLTSEV A.D., KUCHERJAVAJA I.N.,

ZOLOTAREV V.M., VASILETS L.G.

Source: Tekhnichna Elektrodynamika 1: 3–12, 2007

Title: New physical approaches and mechanisms at investigation of processes of electric conduction current forming and distribution in a conductor

Authors: BARANOV M.I.

Source: Tekhnichna Elektrodynamika 1: 13–19, 2007

Title: Parallel simulation of nonlinear subcircuits by a multirate integration method with their

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Authors: RENDZINYAK S.

Source: Tekhnichna Elektrodynamika 1: 20–23, 2007

Title: Simulation of dynamic power interchange of electromagnetic oscillator with a medium of ohmic resistance and power source of sinusoidal action and its correlation with vibration spectrum

Authors: KOSOBUTSKY P.S., SEGEDA M.S., BAKALO G.Sh.

Source: Tekhnichna Elektrodynamika 1: 24–26, 2007

Sudject Categories: | | | | | | | Conversion of electric energy parameters

Title: Electromagnetic processes and control in a recuperative asynchronous electric drive with PWM at mains voltage fall-through

Authors: VOLKOV A.V., METEL'SKY V.P., LOKHMATOV A.G.

Source: Tekhnichna Elektrodynamika 1: 27-34, 2007

Title: Invariant non-linear control of electric drive of a regulation system feeding of a cutting

effort of a metal-cutting machine tool by Aizeks-Bellmann method

Authors: KUDIN V.F., TOROPOV A.V.

Source: Tekhnichna Elektrodynamika 1: 34-40, 2007

Title: Dynamics of a frequency-controllable asynchronous electric drive at discrete control

Authors: DOCHVIRI D.N., DOCHVIRI I.D., SHINDZHIKASHVILI I.A.

Source: Tekhnichna Elektrodynamika 1: 40-47, 2007

Title: Methods of power supply systems control of combined autonomous electric vehicles

Authors: YURCHENKO O.M.

Source: Tekhnichna Elektrodynamika 1: 47–51, 2007

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Title: Power efficiency of current phase correction and compensation of pulsations of active

and reactive power in a three-phase system of power supply

Authors: ZHEMEROV G.G., DOMNIN I.F., ILJINA O.A., TUGAI D.V.

Source: Tekhnichna Elektrodynamika 1: 52-57, 2007

Title: Measurement of currents in three-phase power and electric energymeasuring complexes

Authors: TANKEVICH E.M., YAKOVLEVA I.V.

Source: Tekhnichna Elektrodynamika 1: 58–61, 2007

Title: Special features of statistical processing of observations of cyclic processes in power engineering with simulation application

Authors: MARCHENKO N.B., MYSLOVICH M.V.

Source: Tekhnichna Elektrodynamika 1: 62–66, 2007

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Title: Determination of liquid metal pressure in an electromagnetic pump on the basis of

Navier-Stocks equations solution

Authors: GLUKHENKY A.I., GORISLAVETS Yu.M. Source: Tekhnichna Elektrodynamika 1: 67-72, 2007

Sudject Categories: | | | | | | | | Information measuring systems in power engineering

Title: Structural simulation of magnetic induction meters with switching leads of Hall generator

Authors: MAZMANJAN R.O.

Source: Tekhnichna Elektrodynamika 1: 73–80, 2007

Abstracts