## No 5 TECHNICAL ELECTRODYNAMICS 2008

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Title: To the 75th anniversary of academician of NAS of Ukraine A.K.SHIDLOVSKY

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Title: About some problems of nonlinear electrical engineering and mathematical methods of

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**Authors:** SHIDLOVSKA N.A., SAMOILENKO V.G. **Source:** Tekhnichna Elektrodynamika 5: 3–11, 2008

**Title:** A method of SLAE computation of static in-plane fields in piece-homogeneous media

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Authors: STADNIK I.P., FILIPPOV D.M.

Source: Tekhnichna Elektrodynamika 5: 12-17, 2008

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Authors: KRAVCHENKO O.P.

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Source: Tekhnichna Elektrodynamika 5: 20–26, 2008

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Authors: DMYTRIJEVA O.M.

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Source: Tekhnichna Elektrodynamika 5: 31–33, 2008

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Title: Matrix-topology method of averaging for analysis of steady processes in two-interval

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Title: Compensation of disperse field influence in a three degree electrical machine

Authors: ANTONOV A.E., AKININ K.P.

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**Authors:** ONOPRICH V.P.

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Authors: TSIGANKOVA G.A.

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Authors: SOPEL M.F, PILIPENKO Yu.V, APUKHTIN V.V, KASHIN A A, ANTONENKO A.V,

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**Authors:** DOBROVOLSKA L.N., YAROSCHUK I.V. **Source:** Tekhnichna Elektrodynamika 5: 58–61, 2008

## Electrotechnological complexes and systems

Title: Simulation of electromagnetic influence on a liquid metal meniscus in an ingot-forming

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Authors: KONDRATENKO I.P., PETUKHOV I.S., RASCHEPKIN A.P.

Source: Tekhnichna Elektrodynamika 5: 62-67, 2008

**Title:** <u>Inspectors of electric arc welding systems in the environment of protective gases</u> **Authors:** KHALIKOV V.A., MOZHAROVSKY A.G., SHATAN O.F., PAKHANJAN V.M.

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Authors: ZAPOROZHETS Yu.M., KONDRATENKO Yu.P., SHYSHKIN O.S.

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## **Abstracts**