

INDEX OF PAPERS PUBLISHED IN 2007

- Abramov O.V., Katuyeva Ya.V., Nazarov D.A.** Optimal parametric synthesis with respect to working capacity criterion. — N 6. — P. 63–69.
- Abramova N.A.** On risk problem due to human factor in experimental methods and information technologies. — N 2. — P. 11–21.
- Afanasyeva K.E., Shiryaev V.I.** Regional market state identification and prediction. — N 3. — P. 63–65.
- Aleskerov F.T., Andrushina N.A., Khutorskaya O.Ye., Yakuba V.I.** A system for evaluating citizens' satisfaction with regional administration. — N 3. — P. 9–13.
- Alexeevsky M.V.** Integration and globalization of data processing software. — N 4. — P. 19–23.
- Alguliev R.M., Alyguliev R.M.** Ranking of Web pages using mutual information between the hyperlinks. — N 4. — P. 24–29.
- Amabrtsumyan A.A.** HEP process control systems: a new system type for process safety and human error protection. — N 3. — P. 35–46.
- Anisimov D.N., Khripkov A.V.** Distribution laws of dynamic objects' parameter estimates in the identification by exponential modulation method. — N 4. — P. 14–18.
- Atroshchenko P.V., Yusupova N.I.** On an approach to risk forecasting in leasing activities. — N 6. — P. 35–40.
- Avdeeva Z.K., Kovriga S.V., Makarenko D.I., Maximov V.I.** Cognitive approach in control. — N 3. — P. 2–8.
- Bakanova N.B., Vishnevsky V.M., Semyonova O.V.** On a model of mail delivery process in large organizational systems. — N 5. — P. 52–55.
- Bakhtadze N.N., Valiakhmetov R.T.** Application of associative search models for prediction in trading tasks. — N 6. — P. 15–20.
- Baranov V.V., Matrosov V.M.** Dynamics model in aging systems control problems. — N 4. — P. 2–7.
- Baranov V.V., Matrosov V.M.** Utility and risk models in aging systems control problems. — N 5. — P. 15–20.
- Barladian I.I., Kuznetsov A.V., Mandel' A.S.** The analysis of critical parameter values and the modeling of a controlled queuing system. — N 6. — P. 21–25.
- Belyaev A.A., Kotov S.S., Stolbov V.Yu.** A model of enterprise resources management at discrete manufacturing. — N 6. — P. 50–56.
- Belyakov A.Yu., Puisans S.G., Stolbova I.D., Kharitonov V.A.** The models of training quality management system using innovative educational technology. — N 4. — P. 74–78.
- Bezrukov N.S., Yeregin E.L., Perelman Yu.M.** A computer-based system for lungs diseases diagnostics. — N 5. — P. 75–80.
- Bogachkova L.Yu., Savitsky E.V.** Modeling of price diversification at European gas market and the improvement of Russian natural gas export strategy. — N 2. — P. 56–60.
- Borisov V.G., Danilova S.K., Chinakal V.O.** Development and application of computer technology for improving the safety of movable nautical objects control. — N 4. — P. 79–84.
- Burkov V.N., Burkova I.V., Kolesnikov P.A., Kashenkov A.R.** Structurally equivalent functions in discrete optimization tasks. — N 1. — P. 13–19.
- Buyanov B.B., Lubkov N.V., Polyak G.L.** A mathematical model of a long-term armed conflict. — N 5. — P. 48–51.
- Chebotaryov P.Yu., Mit'kin A.N., Shmerling D.S.** Evaluation of departmental target programs contribution to the accomplishment of governmental goals. — N 4. — P. 43–50.
- Danilova S.A.** Improving the processing efficiency of aperiodic task streams in information systems. — N 5. — P. 61–64.
- Devyatitsil'nyi A.S., Kislov D.E.** Pseudospectra and Linear Systems Stability. — N 5. — P. 27–31.
- Dorofeyuk A.A., Chernyavsky A.L.** Well interpretable classification design algorithms. — N 2. — P. 83–84.
- Dranko O.I.** A financial prediction model and home investment scenarios. — N 1. — P. 37–40.
- Dranko O.I., Lunyakova S.V.** An optimization model of individual's long-term activity. — N 6. — P. 10–14.
- Epstein V.L.** On the counter-productivity of applying science-metering indicator of science effectiveness for the future of Russia. — N 3. — P. 70–72.
- Ghenkin A.L., Kudelin A.R.** The problems of energy-efficient control of a sheet-rolling complex. Part II. — N 1. — P. 51–57.
- Gladkov M.Yu., Shelkov M.A.** Developing mechanisms for obtaining funds for cultural, social, and educational programs. — N 1. — P. 76–78.
- Gladkov Yu.M., Mikrin E.A., Shelkov A.B.** Analysis and synthesis of auditors' risk minimization mechanisms. — N 2. — P. 61–65.
- Gusev V.B.** Equilibrium models of multi-resource self-developing systems. — N 3. — P. 18–24.
- Guzairov M.B., Il'yasov B.G., Gherasimova I.B.** System approach to triads-based analysis of complex systems and processes. — N 5. — P. 32–38.
- Index of papers published in 2007.** — N 6. — P. 82–83.
- «Innovations control — 2006»: the strategy of innovative development of Russia.** — N 2. — P. 88–93.
- Khutorskaya O.E.** The automated system for early and differential diagnostics of the clinical forms of Parkinson's disease. — N 1. — P. 58–63.
- Kleparsky V.G., Kleparskaya E.V.** Bifurcational changes of power company management adequacy in process of reforms. — N 1. — P. 72–73.
- Kleschev A.S.** A model of an analogy between mathematical proofs. — N 1. — P. 20–24.
- Kochkarov A.A., Salpagarov M.B., Elkanova L.M.** A discrete model of compound systems destruction. — N 5. — P. 21–26.
- Kolemaev V.A.** The synthesis of a predictive analog of Samuelson — Heeks model. — N 2. — P. 80–82.
- Kononenko A.F., Shevchenko V.V.** Scenario planning as a tool for solving economic management problems. — N 1. — P. 31–36.
- Kotlyarov I.D.** A mathematical model of decision-making about franchise acquisition. — N 5. — P. 84–87.
- Kulida E.L.** Implementation of training exercises in a computerized training system. — N 5. — P. 65–68.
- Kuznetsov A.V., Mandel' A.S., Tokmakova A.B.** On a model of a controllable queuing system. — N 5. — P. 39–43.
- Kuznetsov L.A.** Quality management in complex processes. — N 3. — P. 47–53.



- Kuznetsov L.A., Korneev A.M., Zhuravlyova M.G.** Identification of statistical process models under incomplete information. — N 1. — P. 46–50.
- Lagunova V.A.** Strategic potential of a company and its evaluation. — N 6. — P. 40–44.
- Lebedev V.N., Kurako E.A., Moskalkov V.E., et al.** Separated inquiry techniques for remote data access management in distributed information systems. — N 5. — P. 56–60.
- Lychenko N.M.** Decomposition-coordinated optimization with parallel information processing for nonlinear dynamic systems. — N 2. — P. 2–7.
- Makarenko V.G., Podorozhnyak A.A., Rudakov S.V., Bogomolov A.V.** An inertial-satellite navigation control system for vehicles. — N 1. — P. 64–71.
- Mikheev O.V., Samokhina A.S.** An algorithm for fast verification of a dangerous epidemic disease using probability technique and its implementation. — N 4. — P. 70–73.
- Muromtsev Yu.L., Tyurin I.V.** A framework for developing energy-efficient control algorithms for industrial plants. — N 5. — P. 69–74.
- Nikitin V.V., Mal'tseva S.B., Dorofeyuk A.A., Mandel' A.S., Chernyavsky A.L.** Professional work objects' classification for designing professional and educational standards. — N 4. — P. 51–55.
- Nizhegorodtsev R.M., Yaroslavskaya D.I.** Controlling «The market for lemons»: institutional analysis of adverse selection problem. — N 5. — P. 2–14.
- Nyudyurbegov A.N.** Selecting effective variants of fishing vessels operation and their modernization plan. — N 2. — P. 78–79.
- Ogolnitsky G.A., Usov A.B.** Mathematical formalization of hierarchical control methods for environmental-economic systems. — N 4. — P. 64–69.
- Ovsyannikova G.V.** A wholesale power market model in power companies' operations planning under power industry reorganization conditions. — N 1. — P. 74–75.
- Podlazov V.S., Sokolov V.V.** The method for homogeneous expansion of system area networks in multiprocessor computing systems. — N 2. — P. 22–27.
- Pogorelov V.A.** Controlling an object with a priori undefined state vector structure. — N 1. — P. 8–12.
- Romanov V.S.** Company value management problem: a discrete case. — N 1. — P. 41–45.
- Russian 1st multi conference on control problems.** An analytical review. — N 2. — P. 85–87.
- Rusyaeva E.Yu.** Comparative analysis of social systems management in contemporary China, West countries, and Russia. — N 2. — P. 71–77.
- Ryvkin S.E.** Estimation of state vector components in a nonlinear singular system. — N 4. — P. 8–13.
- Samokhina A.S.** Evaluation of antiterrorist monitoring projects in a bioterrorism prevention system. — N 2. — P. 66–70.
- Shchepkina M.A.** Optimization of stimulation mechanism parameters. — N 2. — P. 52–55.
- Silaev A.V.** Investigation of an approximate model of a big space structure for analyzing the dynamics of its orientation control system with the help of digital simulation. — N 6. — P. 70–75.
- Simulation technique.** Today's theory and practice. — N 6. — P. 77–79.
- Spiro A.G.** Digital identification of singular figures on the graphs of a video picture of stock market quotations. — N 3. — P. 66–69.
- Stolbov V.Yu., Ghitman M.B., Fedoseev S.A.** Structural stability of production systems control model. — N 5. — P. 44–47.
- Tchobanov M.K.** Multirate systems for multidimensional signal processing. Part I. — N 2. — P. 40–45.
- Tchobanov M.K.** Multirate systems for multidimensional signal processing. Part II. — N 3. — P. 58–62.
- Time I.V., Anuahsvili N.A.** Pricing models under depreciation profitability constraints and market monopolization. — N 6. — P. 2–9.
- Tsyganov V.V., Arzhakov M.V., Bagamaev R.A.** Adaptive ranking mechanisms. — N 2. — P. 46–51.
- Tsyganov V.V., Bukharin S.N., Vasin V.V.** Intelligent mechanisms of information wars. — N 1. — P. 25–30.
- Tverdokhlebov V.A.** Interpolation techniques in technical diagnosis. — N 2. — P. 28–34.
- Vasiliev I.L., Sidorov D.N.** Cluster analysis application to automatic flaw detection. — N 4. — P. 36–42.
- Vedeshenkov V.A.** An approach to checking large-scale digital systems with toroidal grid-type structure. — N 2. — P. 35–39.
- Veresnikov G.S.** Event identification in environmental monitoring process. — N 1. — P. 30–34.
- VI International conference «Intellectual systems» (AIS'06).** XXI «International conference Intellectual CAD-systems» (CAD – 2006). — N 1. — P. 79–82.
- Vinokur V.M., Myl'nikov L.A., Perminova N.V.** An approach to innovation project success. — N 4. — P. 56–59.
- Vlasova M.A.** A predictive model for evaluating alternative national investment strategies. — N 3. — P. 25–30.
- Volik B.G.** Cost-effectiveness of control systems. — N 4. — P. 60–63.
- Vorobyova T.V.** A model of sustainable economic growth. — N 3. — P. 14–17.
- XIV International Conference «The Problems of Compound Systems Safety Management».** — N 3. — P. 73–75.
- Yeremin E.L., Kapitonova M.S.** An adaptive control system for T -periodic nonlinear plants. — N 1. — P. 2–7.
- Yermolaev A.I., Abdikadyrov B.A.** Optimization of well location on oil fields using integer programming algorithms. — N 6. — P. 45–49.
- Yevstigneeva L.V., Tarasov N.N., Takhtamyshev M.G.** Control algorithm synthesis for a movable nautical object: a case study. — N 4. — P. 84–87.
- Yuditsky S.A., Muradian I.A., Zheltova L.V.** Modeling the evolution dynamics of organizational system configurations based on Petri nets and incremental graphs. — N 6. — P. 26–34.
- Zatuliveter Yu.S., Fischenko E.A.** PS-2000 Multiprocessor architecture on a chip. — N 4. — P. 30–35.
- Zhevnerov V.A.** Nested coordinates technique. — N 5. — P. 81–83.
- Zhirnov V.I., Fedoseev S.A., Agarkov A.I.** An order management model in the enterprise information system. — N 6. — P. 57–63.
- Zhozhikashvili V.A., Bilik R.V., Troschenko A.U., et al.** Integration of information and services systems on the base of speech technologies and web-services. — N 3. — P. 54–58.
- Zhukov V.P.** On the conditions defining stability nature for some classes of nonlinear dynamic system. — N 2. — P. 8–10.