



# Index of papers published in 2004

- Agheev I. A., Ermoshkin A. I., Tsyganov V. V.** The mechanisms of technocratic management of organization's evolution. N 2.
- Agheev I. A., Gurlev I. V., Tsyganov V. V.** Corporation manipulating mechanism. N 3.
- Anisimov P. A., Pozdeeva O. V.** Organizational systems and knowledge models. N 2.
- Asratian R. E., Kozlov A. D., Lebedev V. N., Marakanov I. N.** A distributed integrated information system for decision-making support. N 2.
- Babayan R. R., Morozov V. P.** Is it necessary to revive analog computation? N 1.
- Blachev R. N.** Selecting some loan parameters for investment projects implementation. N 2.
- Blyumin S. L., Shmyrin A. M.** Fuzzy volterra systems. N 4.
- Butov A. A., Volkov M. A.** optimal control in the change-point problem as a model of energy production optimization in aging. N 4.
- CASC'2003** – The 3<sup>rd</sup> international conference on cognitive analysis and situations development control. N 1.
- Contents** and abstracts. N 1, 2, 3, 4.
- E. A. Fedosov** (to the 75-th anniversary). N 3.
- Epstein V. L.** forekn.wn future of scientific journals. N 1.
- Epstein V. L.** How to increase the audience and profitability of a scientific journal. N 4.
- Grebenyuk E. A.** Nonstationary process monitoring: analysis and investigation of steady state changes. N 3.
- IFAC Events.** N 1.
- Index** of papers published in 2004. N 4.
- Ishchenko A. A.** Electronic site – an effective tool for developing interindustry cooperation of businesses in rusia. N 4.
- Khalyavkin A. V., Yashin A. I.** Normal aging as a consequent of organism's control systems response to environmental signals which do not contribute to its full self-maintenance. Part I. Biological background. N 4.
- Koltover V. K.** Reliability of electron transport in biological systems and the role of the oxygen free radicals in aging. N 4.
- Kononov D. A., Kulba V. V., Shubin A. N.** Informational management in socio-economic systems: formalized description of informational elements. N 2.
- Kononov D. A., Kulba V. V., Shubin A. N.** Informational management in socio-economic systems: control elements and the ways of informational influence. N 3.
- Kononov D. A., Kulba V. V., Shubin A. N.** Informational management in socio-economic systems: information actions in information fields. N 4.
- Kudinov Yu. I., Dorokhov I. N., Pashchenko F. F.** Fuzzy controllers and control systems. N 3.
- Kulba V. V., Temkin V. M., Ryvkin D. B.** Data processing technology based on geoinformation and simulation complexes in environmental safety systems of hydrocarbon industry. N 1.
- Kuznetsov L. A.** A model for management agent's financial system dynamics. N 2.
- Kuznetsov L. A., Domashnev P. A.** Neuronet models for complex process description. N 1.
- Lebedev V. G.** Design concepts of intelligent user interface for operator support systems. N 3.
- Lebedev V. N., Moskalkov D. V., Orlov V. L.** Synchronization management of the distributed heterogeneous databases on the basis of a three-element order. N 1.
- Michalski A. I., Yashin A. I.** senescence and longevity control. N 4.
- Mikrin E. A., Sukhanov N. A., Platonov V. N., et al.** Design concepts of onboard control complexes for automatic spacecrafts. N 3.
- Mokrov D. V., Bakhtadze N. N.** An outlook for soft sensor applications in erp systems. N 1.
- Nizhegorodtsev R. M.** Logostic modeling of economic dynamics. Part I. N 1.
- Nizhegorodtsev R. M.** Logistic modeling of economic dynamics. Part II. N 2.
- Novoseltsev V. N.** Introduction into thematic set of papes. N 4.
- Novoseltsev V. N., Arking R., Novoseltseva J. A., Yashin A. I.** Interdisciplinary modelling of systemic mechanisms which control the reproduction and ageing. N 4.
- Novikov D. A., Chkhartishvili A. G.** Reflexive models of decision-making. N 4.
- Pranghishvili I. V., Ivanus A. I.** System regularity of the golden section and system stability and harmony. N 2.
- Pranghishvili I. V., Lototsky V. A., Ghinsberg K. S., Smolyaninov V. V.** System identification and control problems: on the way to modern system methodologies. N 4.
- Processes** of aging and longevity control mechanisms (thematic set of papers). N 4.
- Rykov A. A., Rykov A. S.** A multicriterion performance estimate for information systems under uncertainty. N 2.
- Rykov A. S., Iskhodjanov R. R.** Multi-objective investment portfolio optimization. The deterministic case. N 3.
- S. V. Yemelyanov** (to the 75-th anniversary). N 3.
- Stepanov M. F.** Neuron networks for planning the solution of automatic control theory problems. N 2.
- Stetsyura G. G.** Hard realtime operation of local grid systems. N 3.
- The III<sup>th</sup> international** conference "System identification and control problems". N 4.
- The 11<sup>th</sup> international** conference on control problems of complex systems safety. N 1.
- Tolstykh A. V.** Modeling of mechanisms of management of safety. N 4.
- Topolya I. V.** Economic theory and corporate objective function models. N 1.
- V.A. Trapeznikov** institute of control sciences of russian academy of sciences is 65. N 2.
- V.Yu. Rutkovsky** (to the 75-th anniversary). N 2.
- Vedeshenkov V. A.** System-level self-diagnosis of arising faults and their elimination in reconfigurable systems. N 3.
- Vykhovanets V. S., Malyughin V. D.** Multiplicative algebra and its application in logical data processing. N 3.
- Yashin A. I., Ukraintseva S. V.** New ideas, techniques and problems in modelling. demographic and epidemiological manifestation of aging. N 4.
- Zhevnerov V. A.** A modification of simplex-method based on the evolution principle. N 1.
- Zhevnerov V. A.** Application of balance equations in stochastic network description problems. N 2.
- Zhevnerov V. A.** Optimal control of input load flow. N 4.