|  |
| --- |
| Recurrent optimality conditions of singular controls in delay control systems. Mardanov M., Melikov T. |
| Stability barriers for Padé and generalised Padé approximations Butcher J. |
| Homogeneous groupings in portfolio management. Gil-Lafuente. A.M, Gil-Aluja J., Paula L.B. |
| On one Gauss type quadrature scheme for numerical solution of Lippman-Schwinger equations. Sanikidze J., Mirianashvili M. |
| Investment optimization problem with savage’s risk criteria under uncertainties. Emelichev V., Korotkov V. |
| Collective decision making in the enterprise: a theorem of impossibility. Kachalov R., Kleiner G. |
| On a control problem for heat exchange process. Aida-zade K. |
| Dynamical production model for control of the flexible manufacture system working. Mahammadli H. |
| Formalization of the models of the technological processes Gipkih cam borer tubes (BTG BT) on base of the theories fuzzy set. Abdullayev G. |
| Stability loss of the micro/nano-fiber in the viscoelastic matrix near the free convex cylindrical surface. Akbarov S., Mammadov A. |
| 2D production model with environmental factors. Dymkov M., Brilevskii A., Dymkov S. |
| Optimal control for hybrid system. Maharramov Sh., Ors Z., Guler A. |
| Second order optimality conditions for optimal control problems with non-local conditions. Sharifov Y. |
| Optimal control problem for the nonlinear parabolic system with fixed final state. Serovajsky S. |
| Bellman equation for optimal processes with nonlinear multi-parametric binary dynamic system. Haci Y.H., Ozen K. |
| On the optimization of initial data for delay differential equations. Tadumadze T. |
| Greedy algorithms on special convex-ordered sets. Ramazanov A. |
| Extreme problem for three-dimensional differential inclusions. Sadigov M. |
| Control of initial state of dynamic systems by means of signal input. Mammadov H., Rustamov G., Farhadov V. |
| Solution of matrix dynamics equations in control problems in MATLAB /Simulink/. Rustamov G., Huseynov A., Rustamov R. |
| Multipage phase stereo a portrait of three-dimensional dynamic system and visualisation of process of the control by movement. Nagiyev A., Imranov F., Nagiyev H. |
| Investigation of one discrete control problem with inequality type functional constraints. Amirova R., Mansimov K. |
| Second order necessary optimality conditions in the discrete two-parameter step control problems. Mansimov K., Nasiyati M. |
| Necessary optimality conditions in one discretely continuous control problem. Huseynzada G., Mansimov K. |
| On one optimal control problem. Amirova R., Mansimov K. |
| Relation between the sets of solutions of initial and salient problems in processes governed by parabolic type equations. Aslanli G. |
| Necessary optimality conditions in one non-smooth optimal control problem with variable structure. Yazdankhah A. |
| Investigation of quasi-singular control in the Moiseyev problem. Nagiyeva I. |
| On quasi-singular controls in an optimal control problem described by Volterra’s difference equation. Amirova R. |
| On the sliding regimes in the processes, described by the third order nonlinear equation. Yagubov M., Huseynova R. |
| Control problem for the hyperbolic equations with phase restriction. Guliyev H., Mustafayeva T. |
| About one approach to the decision of environmental problems in difficult systems with hierarchical structure of management. Musayev V., Huseynov N., Abilov K. |
| Solution approaches based on weak subdifferentials in nonconvex analysis. Kasimbeyli R. |
| Method of determining the informativity and rational distribution ground stations remote optical monitoring of urban air. Ismailov F., Abdurahmanov Ch., Zabidov Z. |
| Optimal impulsive control in distributed systems. Ashrafova Y. |
| Optimal control by sources in distributed systems on the classes of piece-wise constant and Heaviside functions. Ashrafova Y., Musayev S. |
| Bayes diagnosing hydratoformation in gas collection loops at the sufficient aprioristic information. Rzayev T., Iskandarova A. |
| Necessary optimality condition in the control problem described by the system of Volterra type two-dimensional integral equations. Mansimov K., Abdullayev A. |
| Algorithms of mobile control in the systems with the distributed parameters. Kubyshkin V. |
| Stability greedy algorithm for one problems discrete optimization. Ramazanov A. |
| On an algorithm for solving the multicriterion optimization problem in scheduling theory. Kuthashvili K., Kilasonia N. |
| Visualization method for processing of the numerical data flow at the chemical-technological processes investigation. Shabanova Ch., Kasimov R., Sorokina A. |
| Optimization of transient processes in oil and gas pipelines. Asadova J. |
| Solution to an optimal control problem with respect to quasi-linear heat conduction equation. Huseynov S., Karimova S. |
| Principles of construction of the adaptive control system of the contactless on-off indicator. Labadze O., Labadze T., Tsertsvadze M. |
| Feedback control at observed points. Abdullayev V. |
| Optimization of the number of constancy intervals of piecewise-constant control functions with uncertain information Rahimov A., Ismibeyli R. |
| A mathematical model for assembly line balancing problem with lean manufacturing. Gürsoy A., Nuriyev U. |
| Increase in the speed of automatic optimizers on sliding modes. |
| On existence of saddle point of Lagrange function for a mathematical programming problem in Banach space. Ahmetoglu F. |
| Defining the concept 'The functional state of a controlled complex object behaviour'. Kirillov N. |
| On non-classic statement of Goursat four-dimensional problem for a pseudoparabolic equation. Mammadov I. |
| Modeling workspace of planar parallel kinematics machines with 2 degrees of freedom. Klevetov D. |
| Forecasting economical development on the base Fuzzy Logic Type-2. Imanov G., Yusifzada R |
| Prospects of development of the software support for the computer simulation of the forecast of economic event using piece wise-linear economic-mathematical models in view of factors of uncertainty in M-dimensional vector space. Aliyev A. |
| Eventological "Chess" model of behavior of market agents. Goldenok E. |
| Combined decision precising fuzzy technology for credit risk evaluation of bank investments. Sirbiladze G., Khutsishvili I. |
| Related extension of the eventological scoring method. Sherykalova M. |
| On the decreasing of information measures in the information precision process. Sirbiladze G., Ghvaberidze B, Dvalishvili P. |
| Distributions of bipartite random vectors and its appendix. Semenovа D. |
| Eventology sight at entropy. Lukyanova N. |
| Fuzzy approach in economic development forecasting of the Islamic Republic of Iran. Yusifzada R., Asgari M.A. |
| Estimation ecological sustainability index on the base of fuzzy logic. Rzayev R., Riza S.P., Murtuzayeva M. |
| Recurrence analysis of hydroelectric power station force equipment vibration signals. Ismailov B. |
| Estimation of net premiums in collective life insurance. Koshkin G. |
| Alternative fuzzy approach to evaluate the credit risks of companies: case study. Nasibov E. , Bolgen M. |
| Decision making: the mathematical ground of transitivity formula. Zhukovin V. |
| On the system of generation of the technological map for agricultural cultivation. Pashayev A., Eyubova S., Sabziyev E. |
| Correlation between accepted decision and knowledge. Asgarov Sh. |
| Modelling of stability of development of economy. Murtuzaliev M. |
| Mirzayev R., Mehdiyeva G., Ibrahimov V. Application of hybrid methods to the solution of Volterra integral equations |
| On the numerical solution integro-differential equation. Mehdiyeva G., Ibrahimov V., Imanova M. |
| Application of multi step methods to the solving second order ordinary differential equations .Nasirova I., Mehdiyeva G., Ibrahimov V. |
| Identification of two unknown coefficients in parabolic equation. Baranov S. |
| Construction of the suboptimal solution in the Bul proramming problem by on two estimation of the variables . Mammadov K., Mammadov N., Huseynov S. |
| Software for the solution of some practical optimization problems. Mammadov K., Huseynov S., Yusifov M., Bakhshaliyeva I. |
| Difference scheme of higher accuracy order for solution a nonlocal problem. Aliyev . |
| Probable-statistical analysis and decision-making in the indistinct environment. Rzayev T. |
| Boolean reasoning approach to feature selection in information systems. Kahramanli Sh., Selek M. |
| Advanced adaptive median filter for impulsive noises. Samet R., Tanriverdi M. |
| Real-time meteorological data analysis and mapping. Samet R., Tural S. |
| Multidimensional inverse boundary value problem for the system of hyperbolic equations in the bounded domain. Guliyev M. El-Hdidi A. |
| Method of solving mixed-integer programming with only one limit. Mammadov K. |
| Construction of a second derivative one-step method of fourth order accuracy and its application to the solution of Volterra integral equation of second kind. Bayramova N., Mehdiyeva G., Ibrahimov V. |
| Application of the difference method for solution of a nonlinear problem on filtration of compressible liquid in hereditary medium. Asgarov T., Akhundov M. |
| Algorithm for interfacing between gis and dynamic site response computing domains. Kuruoglu M. |
| Solution of some inverse problem of atmospheric optics. Shakenov K. |
| Numerical study of vortex pattern in two-band superconductors. Askerzade (Askerbeyli) A. |
| Some spectral properties of a new generalized difference operator. Ahmadov A., El-Shabrawy S. |
| On the spectrum of a class of a generalized difference operator over the space lp, p≥1. Ahmadov A., El-Shabrawy S. |
| Inverse two-parametric problem with permutational compact self-adjoint operators under right definiteness condition . Mammadov E. |
| Construction of integer periodic functions according to given values at given points. Ibadov N. |
| On the problem of corrosive attack of metals at a nonstationary variation in potential. Jafarova A. |
| Asymptotic properties of solutions of a special type of recurrence relations. Bykova V. |
| Effective solution method of the subset sum problem. Aliyev M. |
| Abstracts  |