|  |
| --- |
| Intellectual seismoacoustic telemetric station. Аbbasov A., Аliyev T., Ali-zada A., Etirmishli G., Guluyev G., Pashayev F. |
| Stein’s method, normal approximation and moderate deviations. Chen L.Y.H. |
| A problem in particle physics and its Bayesian analysis. Singpurwalla N.D. |
| A constellation-free momentum exchange concept – the uniform distribution hypothesis. Moeschlin O. |
| A brief review on some fractional point processes. Orsingher E., Polito F. |
| Linear HARA frontiers in portfolio optimization. Özekici S., Çanakoğlu E. |
| Modeling operator performance conforming quality in manufacturing systems. Abad A.G., Jin J. |
| The design aspects of face identification system with SVMs. Sadykhov R., Frolov I. |
| On the hypothesis testing concerning the type of the survival function. Chepurin E., Chepurina I. |
| A triangular symmetric copula. Andronov A. |
| On choice of statistical acceptance control by the alternative sign under the Bayesian approach. Formanov Sh., Startsev A., Formanova T. |
| On two simple stochastic models. Kvatadze Z., Mumladze T., Shervashidze T. |
| Noise technologies of identification of change of complex objects from normal to failure state. Aliyev T., Musayeva N., Guluyev G., Gadimov R.., Sattarova U. |
| Information methods of research of laws and properties of the nature. Gurevich I. |
| The basic information characteristics of our universe. Gurevich I. |
| Rational approach to constructing models to control and manage statics of technological processes. Jafarov H. |
| On an inverse problem of the determination of switching conditions in discontinuous systems. Guliyev S. |
| On a parametrical identification problem for non-linear equations. Guliyev S. |
| Technique of construction of one class orthogonal binary 3D-sequences. Feyziyev F., Samadova Z. |
| Methods of calculative experiment for setting the problems of modeling and optimization of chemico-technological processes. Aliyev A., AbasovaU., Kasimov R., Mammadov E. |
| Forecasting of electric power losses in electric networks of power systems with application of artificial neural networks. Balametov A., Xalilov E. |
| Mathematical model of termochemical oil deemulsation process. Аliyev T., Guluyev G., Rzayev A., Yusifov I. |
| Identification of nanotechnological processing in the oil debit. Аliyev T., Guluyev G., Rzayev A., Yusifov I. |
| Model of tectonical moving of earth lithosphere which enforces beginning of earthquake. Аliyev T., Guluyev G., Rzayev A., Pashayev F. |
| Analysis of uncertainties in administrative activity and optimizing problems. Tagiyev N., Guliyev R., Mirzayev F. |
| Modelling gravitating dyons, dyonic monopole-antimonopole systems and black holes. Ibadov R., Kleihaus B., Kunz J. |
| Group analysis of the relacsational parameters of filtration. Jalilova R. |
| On one numerical algorithm of oil filtration process simulation with consideration for relaxation effects. Asgarova R., Ibrahimova R. |
| Coordinate-wise considering self-restriction of variables in the Lorenz model |
| Kamran Mehdiyev, S. Abdullayev. Modern method of increase of accuracy of measurement of parameters of technological processes in the oil and gas industry. Tukalo V., Vitlinskyy V., Kolyada Y. |
| Distribution of non-stationary viscoelastic waves to porous environments. Hasanov A., Azmun P., Berzkar A., Efendiyeva L. |
| Application of mathematical simulation for prognosticating reliability of hydroreclamation systems elements. Hasanov A., Rustamov Y. |
| Principles of applying mathematical models in conflict theory. Shimiyev H. |
| Extraction-adsorptive method of separation of resinous and aromatic hydrocarbons from oils. Ibrahimov C., Samadova F., Abbasov Kh. |
| Laplace transform of distribution to system’s fist overhaul moment. Hasanova A., Babayev Sh. |
| On the modeling of the American option pricing. Dochviri T., Dochviri B., Meladze H. |
| Multi-objective mathematical model for one-dimensional assortment problems. Kasimbeyli N. |
| Interactive system for constructing and analysis linear and nonlinear statistical models. Aida-zade K., Khoroshko M. |
| Information investigation of the results of modeling of the system of to be protecting in nets of distributed computer. Ismayılov B., Najafova Ch. |
| On the basis of fuzzy logic in a broad sense the choice of supporting subsets in fuzzy cluster analysis. Karimov A., Rzayeva U. |
| Approaching for setting of atmosphere’s putting function. Hasanov A. |
| Modelling of influence of mechanical fluctuations on smoothness of flight of flying machines. Gurbanov T., Neymatov V., Hashimova F. |
| Creation of dynamic model of system of stable flight control in planes with the autopilot. Gurbanov T., Karimli T., Mammadova V. |
| Identification of nonlinear dynamic systems with positive feedback. Shanshiashvili B. |
| Methods and algorithms to create the intellectual face recognition system. Sadykhov R., Tulyakov S. |
| Investigation of low frequency tube resonator lumped inhomogeneity for vibration-frequency densitometer liquid media. Huseynov T. |
| Simulation of the refractometr by means of the software LABVİEW 6.1. Kazimov N., Khalilov S., Mansurov G., Guliyev R. |
| Second order necessary optimality conditions and investigation of singular cases in the problem of optimal control of lauded differential equations with multi-point non-local boundary conditions. Aliyev K., Mansimov K. |
| Analyse of traffic systems by the models of moving particles on a circle. Hajiyev A., Mammadov T. |
| On one criterion of convergence to the exponential law. Imomov A., Azimov J. |
| Locally-differential analogue of the basic lemma of the Galton-Watson processes and the Q-processes. Imomov A |
| On some properties strongly and weakly separable Gaussian homogeneous isotropic statistical structures in Banach space of measures. Aleksidze L., Zerakidze Z. |
| Construction of stationary statistical structures. Zerakidze Z., Saatashvili G. |
| Stochastic derivative operator of two-dimensional Poisson functionals. Purtukhia O., Jaoshvili V. |
| Climate models and commodity pricing with stochastic processes adapted by neural networks exhibiting possible transitions to chaos. Giebel S., Rainer M. |
| On growth rate of solution of second order nonlinear elliptic equation in unbounded domain. Agayev E., Aliyev S. |
| Investigation of the queuing system MMP²׀M׀∞ by method of the moments. Ivanovskaya I., Moiseeva S. |
| The models and forecasting of the incomplete after “Disorder” financial markets. Glonti O., Khechinashvili Z. |
| Limit subcritical branching process with immigration. Khusanbaev Y. |
| Bootstrap for the sample mean and for u-statistics of weakly dependent observations. Sharipov O., Wendler M. |
| The research of RQ-system with input MMP process. Nazarov A., Semenova I. |
| SM|M in special limit conditions. Gorbatenko A., Lopuchova S. |
| On the estimation of distribution function on indirect sample. Nadaraya E., Babilua P., Sokhadze G. |
| On the estimation of probability of initial distribution dynamics on sample at the end of interval. Nadaraya E., Babilua P., Sokhadze G. |
| Investigation of system MAP|M|1|RQ by the method of asymptotical semiinvariants to the third order. Sudyko E. |
| Public transport service quality estimation on the basis statistical analysis. Yatskiv I., Kolmakova N., Gromule V. |
| Stochastic simulation of queues described by behavior of moving particles. Hasratova M. |
| A model to control a queue in a voice self-service portal with fast and slow servers. Farkhadov M., Petukhova N., Efrosinin D., Semenova O. |
| Regression between the polytypic data, describing behavior of complex system. Baranova I. |
| Laplace transformation of ergodic distribution of the step process of semi-markov random walk with delaying screen at positive point. Omarova K. |
| Weighted least squares method of guaranteed estimation of ARCH(p) process parameters. Burkatovskaya J., Vorobejchikov S. |
| Adaptive system of identification and control nonlinear stochastic dynamic objects in a class of models wiener. Bolkvadze G. |
| Recursive kernel estimation of the intensity function of an inhomogeneous Poisson process. Kitayeva A., Kolupaev M. |
| On the construction of a homogeneous standard Markov process. Dochviri B., Meladze B. |
| Abstracts |