

CONTENT¹

Akhvlediani N. The necessity of assessment criteria in selecting foreign language textbooks	
Akhvlediani Z. Modern lexicography and technologies	
Bakhrushin V. Decision-making on assessment of higher education institutions under uncertainty	
Bakuridze M., Bakuridze A. On Fourier trigonometric series.....	
Bagrationi I. Modern educational technologies for decision-making in law and social activities.....	
Bekesiene S., Hoskova-Mayerova S. Creative expression in military organizations: a case of lithuanianarmed forces	
Beridze Z., Geladze N. Algorithms of wireless network security.....	
Beridze Z., Shavadze J., Geladze M. Main tasks of wireless network security	
Bharth H., Kiedrowski J., Sant J., Thomas J. Understanding bleb formation - a machine learning approach	
Bilynskyi A., Chorny R., Kinash O. About bankruptcy of insurance company in case of large payments	
Bondarchuk. Y.V. About general systemic principles in DSS	
Bratiichuk M. Sequential test for exponential model	
Chabanyuk Ya, Khimka U., Kinash A. Generator of stochastic volatility with semi-Markov switching.....	
Chabanyuk Ya.M., Khimka U.T., Rosa W. Stochastic approximation procedure for doffusion process with semi-Markov switching	
Chachanidze G., Nanobashvili K. The scoring or ranking model for assessing the quality of education	
Chechelnitcki A. The properties of the stationary behavior of the parallel network	
Chomaxashvili N. Predicting and decision-making in medicine	

¹ *The abstracts are publishing in authors edition*

Correll R., Kumar A., Maul A. Exposure risk posed by inorganic contaminants in drinking water

Didmanidze I. On some problems of information overload for decision making process

Didmanidze I., Didmaidze M., Imnaishvili G. Student load credit system

Didmanidze I., Kakhidze R., Didmanidze D. On some problems of information overload for decision making process

Didmanidze I., Kakhiani G., Didmanidze D., Dumbadze Z. Task of modeling the single-line neural networks

Didmanidze I.Sh., Tsitskishvili G.D., Kuchava M. Sh. Importance and problems of marine transportation

Diasamidze Y., Givradze O. Generating sets of the complete semigroups of binari relations defined by semilattices of the pentagon

Dolenko G.O., Manovytska D.O., Iliencko V.V. System optimization problems with objectives based on the sixth Kondratiev cycle predictions

Dolenko G., Manovytska D., Viniarska K. Dynamic features of ukrainian hryvnia exchange rate variation

Drin S.S. Marketing object model with cululative effect

Dzhanelidze O. Mathematical model of pumping of deep centers by the energy of longitudinal acoustic oscillations and its computer software

Florenko A., Shchestyuk N. Minimax problems for random fields from observations in areas with peculiarities

Geladze D. Problematic-situational experience

Gorjeladze I. Occasionalisms in english, georgian and russian languages and its computer software

Grdzlishvili N., Lалуashvili G. Concept of formation of stimulating information base for the decision making in the tourism sector in regions of Georgia and local self-governments

Gritsenko V., Tymashova L. Models and algorithms of smart enterprise

- Gubarev V., Romanenko V., Miliavskiy Y.** Identification of cognitive maps under uncertainties
- Hmyria A.U.** Distribution of expenses in logistic cooperative games with restricted cooperation
- Iliash K.A., Veres M.M.** Creating an automated system for trading on the stock exchange using technical analysis.....
- Ivokhin E., Adzhubey L., Mickhailov I.** About mathematical model of advertising diffusion process.....
- Ivokhin E., Apanasenko D., Naumenko Yu.** About hybrid mathematical model of information diffusion process
- Jikia D.** The indicator mechanism of city's social-economic potential management contributing to the decision-making.....
- Jikia S.** The types of the decision-making in the electronic office
- Kakashvili G.** Object-oriented, decision-making matrix supporting web-page classification
- Kapustian O.A., Nakonechnyi O.G., Podlipenko Yu.K.** Minimax estimates of solutions of the first order linear hyperbolic systems under uncertainties.....
- Karkashadze I.** Systemic approach to making decisions in the service strategy of airport passengers
- Kekenadze A., Korchilava T.** Benefits and risks, development prospects of cloud computation.....
- Kharitonashvili M.** Interdisciplinary modelling of teaching, as the basis of the perfect decision-making
- Kokovska Ya., Kyrylych V., Venherskyi P.** Method of characteristic for the equations of formation of water flows in rivers with uneven bottom.....
- Krak Iu., Kasianiuk V., Volchyna I.** Inflection grammar dictionary development for system of automated translation into sign language.....
- Krak Iu., Kudin G.** Optimal synthesis of the features vectors for data classification

Kudin G.I., Zinko T.P. Hyperplanes clusters in spaces of signs vectors.....

Lebedev E.A. Analysis of stationary regime for the $[SM|GI|\infty]^r$ queueing networks

Lebedev E.A., Rozmarytsia A.A., Pavliuk M.V. On normalized distance between samples and its application in medicine

Loseva M., Prishlyak A. Optimality of simple Morse-Smale flows with singularities on the boundary of surface.....

Luita A.V., Semenov V.V. A novel method for the bilevel optimization problem.....

Lukovych O.V., Rozora I.V., Lukovych M.V. Analysis and modeling of households deposit dollarization in Ukraine

Lysenko V., Koval V., Samkov O., Dmytro K. Computer-integrated systems for information support and automatization of the complicated objects.....

Mashchenko S.O., Kapustian D.O. A problem with a type-2 fuzzy goal set.....

Martsenyuk V.P., Vakulenko D.V., Vakulenko L.O, Kutakova O.V., Lesiv V.V. Primary diagnostic information system of cardiovascular diseases by arterial oscylography methods.....

Martsenyuk V., Sverstiuk A., Andrushchak I. Immunosensor model based on lattice difference equations.....

Meskhidze Z. Multilevel access to information systems using qr codes.....

Mikautadze M. Management decision-making in the city's budget formation process

Nakonechnyi O., Ivohin E., Pashko A., Zinko P., Pampukha I., Savkov P. Decision support system for the analysis of information influence in social networks

Nakonechnyi O.G., Zinko P.M., Shevchuk I. M. Estimation of influence for models of information spreading process under uncertainty

- Neubauer J., Odehnal J.** Notes on dynamic panel data analysis in terms of modeling determinants of military spending
- Nikitchenko M.S., Shkilniak O.S., Shkilniak S.S.** Properties of logics of general non-deterministic quasiary predicates
- Nikitin A.V.** Analysis of the mathematical model of information with external impulse influence.....
- Pankratova N.D., Pankratov V.A.** Modelling of complex hierarchical systems on the basis of fuzzy cognitive maps
- Pashko A.** The statistical simulation of the self-similar traffic.....
- Pryshchepa O.V.** On optimization of $M/M/c$ queue with the limited number of retrials and constant retrial rate
- Rozorinov H.** A threshold methods for signal compression.....
- Sant L.** Modelling customer behaviour in online gambling
- Sant L.** Viable posteriors for Lévy priors
- Semeniuta M., Sherman Z.** Decision making using mathematical models based on labeled graphs
- Semenov V.V., Kolietchkin V.O.** Multicriteria combinatorial optimization problems with inexact data of objectives
- Semenova N.V., Lomaha M.M.** Properties of sets solutions of quasi convex problems of lexicographically lexicographic optimization.....
- Shabelnik T.V.** Approaches to optimize investment risks
- Shakhno S.M., Shunkin Yu.V., Babjak A.-V.I.** Gauss-Newton-Potra method for nonlinear least squares problems with operator decomposition.....
- Shakhno S.M., Yarmola H.P.** Some methods for solving nonlinear least squares problems
- Shatyrko A., Puzha B., Novotna V.** Uncertainty conditions and time delay in Lanchester's combat models.....
- Shcherbatyy M., Shcherbata I.** Proper orthogonal decomposition for ordinary differential equations and partial differential equations.....
- Sherozia N.** Planning of a lesson with application of information technology

Slabospitsky A.S. Recurrent time-varying parameter estimation by least squares method with least deviations from ‘attraction’ points for bilinear dynamic systems under uncertainties

Šmerek M. Special type of distribution problems

Stolyarenko N. Construction of the jobs batches for optimal mode in flexible manufacturing.....

Tejkal M., Michálek J. Markov model for description of the intensity of the terrorist threat

Timofeeva N.K. Problems of artificial intelligence, combinatorial optimization and argument of the objective function

Turmanidze T. Mathematical model of dependence between pressure and deformation of concrete and its computer software.....

Tymashov O., Jakovlev Ju. Embedded security for internet of things

Usar I., Makushenko I., Protopop Yu. Rate of convergence of stationary distribution for retrial systems with queue

Vergunova I.M. Main properties of operators in the problem of surface pollution distribution in agrolandscape.....

Veselík P. Application of quantitative methods for risk assessment in a selected medical facility

Vlasyuk A.P., Ilkiv I.V. Mathematical modelling of salt transfer to system of horizontal drains in zones of complete and incomplete saturation under nonisothermal conditions.....

Voloshchuk S. Price option modeling on the base of Black-Sholes equation

Yarova O.A., Yeleyko Ya.I., Dziekanski P. The evolution of financial synthetic indicators.....

Yatsenko V., Garashchenko F., Petrovich V., Trebina N. Modeling and optimization of cryogenic-optical gravimeters

Zaychenko Y., Zaichenko H. Multicriteria decision-making problems under fuzzy conditions

Zub S.S. Mathematical model of a rigid-body dynamics in an axially symmetric magnetic field