

XXXI International Conference
PROBLEMS OF DECISION MAKING
UNDER UNCERTAINTIES 2018 (PDMU- 2018)
July 3 – 8, 2018
Lankaran-Baku

Wednesday, July 4, 2018	14 ⁰⁰ - 15 ⁰⁰	Registration of participants (Center named after G. Aliyev Sh. Akhundova str., 33, Lankaran, Republic of Azerbaijan)
	15 ⁰⁰ - 15 ¹⁰	N. Ibrahimov (Rector of Lankaran State University) Greetings
	15 ¹⁰ - 15 ²⁰	O. Nakonechniy (Head of Program Committee) Greetings
	15 ²⁰ - 15 ³⁰	M. Babanli (Rector of Azerbaijan State Oil and Industry University) Greetings
	PLENARY SESSION	
	15 ³⁰ - 16 ⁰⁰	Yu. Gasimov «Formulation and solution of the inverse spectral problem with respect to domain»
	16 ⁰⁰ - 16 ³⁰	G. Yagub «The optimal control problem containing the functional with boundary integral for nonlinear Schrödinger equation with complex potential»
	16 ³⁰ - 17 ⁰⁰	G. Chachanidze «Decision-making with the use of obscure logics in the process of education quality control»
	17 ⁰⁰ - 17 ³⁰	N. Pankratova «Modelling of innovation development of socio-economic systems»
	17 ³⁰ - 18 ⁰⁰	N. Aliyev «A factorization method for the determination of the fundamental solution to the linear 1/3-order elliptic equation»
18 ⁰⁰ - 22 ⁰⁰	Wellcome party	

Thursday, July 5, 2018	SECTIONAL SESSIONS Center named after G. Aliyev Sh. Akhundova str., 33, Lankaran, Republic of Azerbaijan	
	10 ⁰⁰ - 10 ³⁰	Martsenyuk V., Andrushchak I. «Stability investigation of immunosensor model based on lattice differential equations with delay»
	10 ³⁰ - 11 ⁰⁰	S. Dotsenko «Limited theorems in backgammon strategies»
	11 ⁰⁰ - 11 ²⁰	T. Burkhardt «Time optimal approach to portfolio selection – basic results and challenges»
	11 ²⁰ - 11 ⁴⁰	Z. Suraj «Combining fuzzy Petri nets with interval analysis»
	11 ⁴⁰ - 12 ⁰⁰	K. E. Alkishiyeva, Sh.S. Huseynzade «Development of the decision model on the Petri nets»
	12 ⁰⁰ - 12 ²⁰	Coffee break
	12 ²⁰ - 12 ⁴⁰	I. Dyyak «The parallel algorithm for the adaptive solving of elasticity problems»
	12 ⁴⁰ - 13 ⁰⁰	V. Romanenko «Comparing methods of robust control of impulse processes in complex systems' cognitive maps»

13 ⁰⁰ - 13 ²⁰	G.G. Grahovski «On integrable non-local multicomponent NLS equations»
13 ²⁰ - 13 ⁴⁰	A.Ya. Akhundov «Determining the coefficient on the right side of elliptic equations»
13 ⁴⁰ - 14 ⁰⁰	Y. Michalek «Nonparametric outliers identification»
14 ⁰⁰ - 15 ⁰⁰	Lunch
15 ⁰⁰ - 15 ²⁰	Sh.A. Niftullayeva, N.S. Ibrahimov, N.A. Aliyev «On a boundary problem for the composite type equation in the bounded plane domain»
15 ²⁰ - 15 ⁴⁰	M.A. Musayeva, S.A. Hashimov «Information Security Problems of Estimation and Decision Making for "attack-defense" game »
15 ⁴⁰ - 16 ⁰⁰	A. Aliev «Effect of weight functions in nonlinear part on global solvability of Cauchy problem for semi linear pseudo- hyperbolic equations with structural damping»
16 ⁰⁰ - 17 ⁰⁰	BOARD SESSION

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Friday, July 6, 2018	10 ⁰⁰ - 10 ²⁰	T. Khaniev «Investigation of a semi-markovian model of type (s, S) with dependent components»
	10 ²⁰ - 10 ⁴⁰	Z. Hanalioglu, T. Khaniyev «Limit theorem for a semi-Markovian random walk with normal distributed interference of chance»
	11 ⁰⁰ - 11 ²⁰	V. Nochvai « Decision support for emergency environmental pollution»
	11 ²⁰ - 11 ⁴⁰	S. Shakhno «Gauss-Newton-Kurchatov method for nonlinear least squares problems»
	11 ⁴⁰ - 12 ⁰⁰	Ya. Yeleyko «Regression models in a random environment »
	12 ⁰⁰ - 12 ²⁰	Coffee break
	12 ²⁰ - 12 ⁴⁰	N.Guliyeva, H. Jafarova, R. Aliyev «Generalized linear models in life insurance using R»
	12 ⁴⁰ - 13 ⁰⁰	A.D.Isgenderov, S. Bagirova «Management of multisectional manufacturing process »
	13 ⁰⁰ - 13 ²⁰	V.A. Bayramov, R.T. Aliyev «On the stochastic process with subexponential distributed and independent components»
	13 ²⁰ - 13 ⁴⁰	T. Gadjev, Y. Rustamov, S. Aliyev «The optimal irrigation under water use decisions»
	13 ⁴⁰ - 14 ⁰⁰	N.A. Aliyev, N.S. Ibrahimov, A.M. Mammadzada «On a solution of the Cauchy problem for the discrete equation with powerative-multiplicative-additive derivatives»
	14 ⁰⁰ - 15 ⁰⁰	Lunch
	15 ⁰⁰ - 15 ²⁰	A.Ya. Akhundov, B.R. Selimkhanov «Determining the coefficient on the right side of elliptic equations»
	15 ²⁰ - 15 ⁴⁰	Ö. Deveci, E. Karaduman

		<i>«The double Pell sequences and their applications»</i>
	15 ⁴⁰ - 16 ⁰⁰	Sh.E. Kazimov <i>«Multi-objective optimization of the portfolio investment according to its expected risk and expected return with the linear convolution method»</i>
	16 ⁰⁰ - 17 ⁰⁰	BOARD SESSION

Saturday, July7, 2018	EXCURSION AROUND LANKARAN AND AND ITS ENVIRONS	
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Monday, July9, 2018	Azerbaijan State Oil and Industry University, 16/21 Azadlıq prosp., Baku, Republic of Azerbaijan	
	12 ⁰⁰	Closing of the Conference