


XXXVIII International Conference
PROBLEMS OF DECISION MAKING UNDER UNCERTAINTIES 2023 (PDMU- 2023)
September 11 – 15, 2023


On-line: <https://us05web.zoom.us/j/83973042815?pwd=b83nzcKxMUGL3BaxbUExwKeLJEvd7H.1>

Meeting ID: 839 7304 2815

Passcode: cMRqR7

September 11, 2023 (Monday)	
Kyiv time 	OPEN CEREMONY, SECTIONAL SESSION
15 ⁰⁰ - 15 ¹⁵	O. Nakonechnyi (<i>head of International Program Committee</i>), Greetings
15 ¹⁵ - 15 ³⁰	Bekesiene S., Nakonechnyi O., Kapustian O., Shevchuk I. Forecast and optimization of dynamics of number of persons with stress syndrome under uncertainty
15 ³⁰ - 15 ⁴⁵	Martsenyuk V., Kit N., Sverstiuk A., Andrushchak I. On stability research of square lattice model with spatially varying diffusion
15 ⁴⁵ - 16 ⁰⁰	Gadjiev T.S. The regularity of solutions of nonlinear parabolic equations in weighted generalized Morrey spaces
16 ⁰⁰ - 16 ¹⁵	Bakhrushin V.E. Problems of the efficiency of budget funding in education
16 ¹⁵ - 16 ³⁰	Kanapeckaitė R., Bagdžiūnienė D., Bekesiene S. The skill-based approach to young officers resilience training: a pilot study at General Jonas Žemaitis Military Academy of Lithuania
16 ³⁰ - 16 ⁴⁵	Pankratova N.D., Pankratov V.A. Creation of digital twin for cyber-physical systems under conditions of uncertainty
16 ⁴⁵ - 17 ⁰⁰	Chabanyuk Ya.M., Nikitin A.V., Khimka U.T. Random evolutions under Levy approximation scheme at semi-Markov environment
17 ⁰⁰ - 17 ¹⁵	Cherniy D., Vasin P., Pylypchenko I. Hypersingular integrals method for computational technologies
17 ¹⁵ - 17 ³⁰	Drin Ya., Drin I., Drin S. The Cauchy problem for quasilinear equation with nonstationary diffusion coefficient
17 ³⁰ - 17 ⁴⁵	Dzhalladova I., Bartasz O. Analytics and design of the chain management decisions the world structures in the process of post war Ukraine's recovery
17 ⁴⁵ - 18 ⁰⁰	Kharkov O.S., Semenov V.V. The regularized operator extrapolation method for variational inequalities and saddle point problems
18 ⁰⁰ - 18 ¹⁵	Prakapienė D., Kazlauskaitė–Markelienė R. Developing resilience in military personnel: challenges and prospects
18 ¹⁵ - 18 ³⁰	Tsai H., Nikitin A.V. Estimation of parameters for two-regime Levy threshold process
18 ³⁰ - 18 ⁴⁵	Sazontova Y. A., Shevchuk I. M., Loseva M.V. Analysis of students` quality of life assessment based on the SF-36 questionnaire


September 12, 2023 (Tuesday)

Kyiv time 	SECTIONAL SESSIONS
15 ⁰⁰ - 15 ¹⁵	Dyyak I.I., Makar I.H., Prokopyshyn I.I., Prokopyshyn I.A. Modeling and solving problems with variable boundaries
15 ¹⁵ - 15 ³⁰	Argyros I.K., Shakhno S.M., Yarmola H.P. On the local convergence of the eighth-order method
15 ³⁰ - 15 ⁴⁵	Senio P.S. Construction and investigation of two-sided methods for solving variational problems
15 ⁴⁵ - 16 ⁰⁰	Borysyuk Ya.E., Shcherbatyy M.V. Optimal control for the mathematical model of HIV/AIDS transmission
16 ⁰⁰ - 16 ¹⁵	Koval V.V., Lysenko V.P., Samkov O.V., Piskun O.M., Ostapovich D.M. Computer intensive technics of devices synchronization monitoring for decision making in the coordinate-time and navigation system
16 ¹⁵ - 16 ³⁰	Pashko A. ChatGPT and tasks of artificial intelligence
16 ³⁰ - 16 ⁴⁵	Samoilenko I.V., Samoilenko T.A. COVID-19 epidemic modelling for complex system with migration
16 ⁴⁵ - 17 ⁰⁰	Nikitin A., Krasiuk B. Multidimensional information warfare model with internal conflict
17 ⁰⁰ - 17 ¹⁵	Voina O. Regeneration models in logistics processes
17 ¹⁵ - 17 ³⁰	Yarova O.A. Asymptotic solution of the multidimensional renewal equation
17 ³⁰ - 17 ⁴⁵	Drebot A. Markov model for signal classification
17 ⁴⁵ - 18 ⁰⁰	Kvasniy M.M. Forecasting the development of the IT market of Ukraine in conditions of war using econometric modeling and fuzzy technologies
18 ⁰⁰ - 18 ¹⁵	Kotelnikova V., Iksanov O. A law of the iterated logarithm for sums of independent indicators, with application to Karlin's occupancy scheme
18 ¹⁵ - 18 ³⁰	Piven D.M. Applying the generalization principle to solve fuzzy matrix games
18 ³⁰ - 18 ⁴⁵	Reshetnikov V., Rozora I. Risk decision models in cyber insurance

September 13, 2023 (Wednesday Friday)

Excursion

September 14, 2023 (Thursday)

Kyiv time 	SECTIONAL SESSIONS
15 ⁰⁰ - 15 ¹⁵	Romanenko V., Miliavskiy Yu., Kantsedal H. Coordination of nodes parameters ratios of the cryptocurrency usage cognitive map based on impulse process models with multirate sampling
15 ¹⁵ - 15 ³⁰	Nikitchenko M.S. On predicate algebras with uncertainties
15 ³⁰ - 15 ⁴⁵	Bagrationi I. O. For the ethical problems of digital education in decision-making process
15 ⁴⁵ - 16 ⁰⁰	Shkilniak S.S. First-order logics of partial quasiary predicates with equality
16 ⁰⁰ - 16 ¹⁵	Bratiichuk M., Usar I. Hysteresis strategy for a retrial queue with a changeable service rate
16 ¹⁵ - 16 ³⁰	Beyko I.V. Maxmin-strategies in antagonistic games
16 ³⁰ - 16 ⁴⁵	Tymofieva N.K. Some methods of reducing unsolvable problems of artificial intelligence to solvable
16 ⁴⁵ - 17 ⁰⁰	Khudiakov A. Methods of structural organization of virtual computer systems and workplaces of various purposes for solving complex tasks
17 ⁰⁰ - 17 ¹⁵	Sokhan D. A design method and an architectural-structural model of an ald which is made on a nano-electromechanical element base
17 ¹⁵ - 17 ³⁰	Tupalo Y. Dynamic system and decision making under uncertainties
17 ³⁰ - 17 ⁴⁵	Semenyuk S. Asymptotic properties of the Markov-modulated Poisson process
17 ⁴⁵ - 18 ⁰⁰	Dutsko R. Using artificial neural networks in machine learning
18 ⁰⁰ - 18 ¹⁵	Demydyuk M.V., Demydiuk V.M. Parametric optimization of the placement, link configurations and movement of the two-link manipulation systems
18 ¹⁵ - 18 ³⁰	Yeleyko Ya.I., Yarova O.A. About the scales of infinitesimal functions and the existance of derivatives
18 ³⁰ - 18 ⁴⁵	Pashko A., Rozora I. Buffer content distribution for self-similar traffic patterns
18 ⁴⁵ - 19 ⁰⁰	Bomba A.Ya., Turbal Y.V., Turbal M.Y., Turbal B.Y. Extrapolation method based on averaged polynomial forecasts

September 15, 2023 (Friday)

Closing of the Conference (off-line)
Departure of participants