



9th International Conference

2010

Minsk, Belarus

COMPUTER DATA ANALYSIS AND MODELING:

COMPLEX STOCHASTIC
DATA AND SYSTEMS

Conference Program

Belarusian State University

September 07–11, 2010



BelSwissBank

Organizers

BELARUSIAN STATE UNIVERSITY

VIENNA UNIVERSITY OF TECHNOLOGY

RESEARCH INSTITUTE FOR APPLIED PROBLEMS OF MATHEMATICS AND INFORMATICS OF THE BSU

Program Committee

Honorary Chairs

Prof. S. Ablameyko, Rector of the Belarusian State University (Minsk, Belarus)

V. Zinovskiy, Chair of the National Statistical Committee (Minsk, Belarus)

Co-Chairs

Prof. S. Aivazian (Moscow, Russia)

Prof. P. Filzmoser (Vienna, Austria)

Prof. Yu. Kharin (Minsk, Belarus)

Members

Prof. A. Barabanov (St.-Petersburg, Russia)

Prof. W. Charemza (Leicester, United Kingdom)

Prof. A. Christmann (Bayreuth, Germany)

Prof. D. Chibisov (Moscow, Russia)

Prof. A. Dobrovidov (Moscow, Russia)

Prof. K. Ducinkas (Vilnius, Lithuania)

Prof. R. Dutter (Vienna, Austria)

Prof. A. Egorov (Minsk, Belarus)

Prof. H. Friedl (Graz, Austria)

Prof. V. Krasnoproshin (Minsk, Belarus)

Prof. M. Krzysko (Poznan, Poland)

Prof. P. Mandrik (Minsk, Belarus)

Prof. G. Medvedev (Minsk, Belarus)

Prof. S. Morgenthaler (Lausanne, Switzerland)

Prof. V. Mukha (Minsk, Belarus)

Prof. Yu. Pavlov (Karelia, Russia)

Prof. R. Rudzkis (Vilnius, Lithuania)

Prof. N. Troush (Minsk, Belarus)

Prof. A. Tuzikov (Minsk, Belarus)

Prof. N. Yanev (Sofia, Bulgaria)

Local Committee

Chair

Dr. V. Malugin – Information letters, reviewing process, scientific program

Members

Mrs. O. Golos – Technical secretary, registration

Mr. A. Kapusta – Conference Web site

Dr. A. Kharin – E-mail correspondence

Dr. A. Kostevich – Proceedings

Dr. E. Melnikova – Finance, registration

Mr. M. Mitskevich – Transport service

Dr. E. Orlova – Social program

Dr. A. Piatlitski – Software demonstration and technical equipment

Dr. I. Pirshuk – Accommodation, arrival, departure

Dr. S. Staleuskaya – Social program

Scientific program

Wednesday, September 8

Time	Chair: Prof. Yu. Kharin	Plenary presentations
9.00–9.30		Opening ceremony
9.30–10.10	P. Filzmoser, K. Hron	Opening Lecture: MULTIVARIATE OUTLIER DETECTION WITH COMPOSITIONAL DATA
10.10–10.40	V. Pawlowsky-Glahn, J. J. Egozcue	EXPLORING COMPOSITIONAL DATA WITH THE CODA-DENDROGRAM
10.40–11.10		Coffey Break
11.10–11.40	R. Viertl	FUZZY BAYESIAN INFERENCE IN DATA ANALYSIS
11.40–12.10	R. Dutter	GRAPHICAL AND NUMERICAL ANALYSIS OF SPATIAL DATA WITH A GUI AND R
12.40–13.10	K. Nordhausen, H. Oja	THREE SCATTER MATRICES AND INDEPENDENT SUBSPACE ANALYSIS
12.10–12.40	L. Sakalauskas	ADAPTIVE MONTE-CARLO MARKOV CHAINS
13.10–14.15		Lunch Break
14.15–18.00		Section presentations
Session 1 (S1)		Robust and Nonparametric Data Analysis
Time	Chair: Prof. R. Dutter	
14.15–14.40	M.I. Gomes, F.Caeiro	ADAPTIVE PROBABILITY WEIGHTED MOMENTS ESTIMATION
14.40–15.00	M.S. Tikhov, T.S. Borodina	PARAMETERS ESTIMATION OF THE WEIBULL DISTRIBUTION ON RANDOMLY CENSORED SAMPLES
15.00–15.20	A.Yu. Kharin	SEQUENTIAL TESTING OF COMPOSITE HYPOTHESES UNDER SIMULTANEOUS DISTORTIONS OF PRIORS AND OBSERVATIONS
15.20–15.40	A.A. Gorbunova, B.Yu. Lemeshko, S.B. Lemeshko	ABOUT ROBUSTNESS AND POWER OF VARIANCE HOMOGENEITY TESTS
15.40–16.00		Coffey Break
16.00–16.20	J.W. Owsinski	ON A TWO-STAGE CLUSTERING PROCEDURE AND THE CHOICE OF OBJECTIVE FUNCTION

16.20–16.40	N. Rubens, V. Sheinmany, T. Okamoto, M. Ueno	ACTIVE LEARNING FOR BLACK-BOX MODELS
16.40–17.00	Yu. D. Grigoriev	COMPARISON OF TESTS FOR APPROACHING HYPOTHESES ON THE NONLINEAR REGRESSION PARAMETER
17.00–17.20	I.A. Badziahin, Yu.S. Kharin	ON MAXIMUM LIKELIHOOD ESTIMATION OF PARAMETERS FOR CENSORED AUTOREGRESSIVE TIME SERIES
17.20–17.40	A.Yu. Kharin, S.Yu. Chernov	ERROR PROBABILITIES FOR SEQUENTIAL TESTING OF SIMPLE HYPOTHESES UNDER FUNCTIONAL DISTORTIONS
17.40–18.00	V.I. Lobach	KALMAN FILTERING ALGORITHM IN PRESENCE OF OUTLIERS

Session 2 (S2)

Multivariate Analysis and Design of Experiments

Time	Chair: Prof. L. Sakalauskas	
14.15–14.40	M. Radavičius, G. Jakimauskas, J. Sušinskas	EMPIRICAL BAYES TESTING GOODNESS-OF-FIT FOR HIGH-DIMENSIONAL DATA
14.40–15.00	K. Hron, M. Templ, P. Filzmoser	EXPLORATORY COMPOSITIONAL DATA ANALYSIS USING THE R-PACKAGE <code>robCOMPOSITIONS</code>
15.00–15.20	L. Sakalauskas, G. Jakimauskas, J. Susinskas	ANALYSIS OF MEDICAL DATA BY EMPIRICAL BAYES METHOD
15.20–15.40	L. Sakalauskas, I. Vaiciulyte	ESTIMATION OF SKEW t-DISTRIBUTION BY MONTE-CARLO MARKOV CHAIN APPROACH
15.40–16.00		Coffey Break
16.00–16.20	P.M. Aguilar-González, V. Kober, I. Ovseyevich	OBJECT DETECTION IN A CLUTTERED BACKGROUND WITH A NOISY IMAGE
16.20–16.40	S. Stafeev	ON THE METHOD FOR FINDING INVARIANTS OF FACTOR ANALYSIS MODELS
16.40–17.00	V.S. Mukha	LINEAR MULTIDIMENSIONAL-MATRIX PROCRUSTES TRANSFORMATION
17.00–17.20	E.E. Zhuk	THE BAYES DECISION RULE STABILITY UNDER INACCURATELY DETERMINED CLASS PRIOR PROBABILITIES
17.20–17.40	V.P. Kirlitsa	EXACT D-OPTIMAL DESIGNS FOR THE REGRESSION LINE WITH LINEAR OR RELAY PERTURBED VARIANCE OF OBSERVATIONS

17.40–18.00	A.M. Kapusta, M.S. Abramovich	APPLICATION OF ROBUST DISCRIMINANT ANALYSIS FOR IMAGE STEGANALYSIS
-------------	--	--

Session 4 (S4)

Probability and Statistical Analysis of Discrete data

Time	Chair: Prof. A. Zubkov	
14.15–14.40	V.I. Kruglov	A GOODNESS-OF-FIT TEST FOR UNIFORM DISTRIBUTION ON A FINITE GROUP
14.40–15.00	M.V. Filina, A.M. Zubkov	TAIL PROPERTIES OF PEARSON STATISTICS DISTRIBUTIONS
15.00–15.20	A.A. Serov, A.M. Zubkov	ON THE NUMBER OF BOOLEAN FUNCTIONS IN A GIVEN NEIGHBOURHOOD OF THE AFFINE FUNCTIONS SET
15.20–15.40	L.V. Skrypnik, L.V. Kovalchuk, V.T. Bezditnyi	METHOD OF STATISTICAL TESTS INDEPENDENCE CHECKING

15.40–16.00

Coffey Break

16.00–16.20	M. Radavičius, P.Samusenko	PROFILE STATISTICS FOR SPARSE CONTINGENCY TABLES
16.20–16.40	Yu.S. Kharin, E.V. Vecherko	ON STATISTICAL HYPOTHESES TESTING OF EMBEDDING
16.40–17.00	A.I. Piatlitski	THE METHOD BASED ON BINARY MC(s,r) UNDER ADDITIVE DISTORTIONS FOR ESTIMATING THE MODEL PARAMETERS OF GEFFE'S GENERATOR
17.00–17.20	I. Lobach	SEMI-PARAMETRIC BAYESIAN ANALYSIS OF GENE-ENVIRONMENT INTERACTIONS
17.20–17.40	V.A. Voloshko	ON INEQUALITIES OF INFORMATION GEOMETRY
17.40–18.00	A.N. Gaiduk	ON FINDING THE FUNDAMENTAL MATRIX OF FINITE STATE HOMOGENEOUS MARKOV CHAINS IN SPECIAL CASE

Thursday, September 9

Time	Chair: Prof. P. Filzmoser	Plenary presentations
9.00–9.40	H. Friedl, J. Booth	FITTING FINITE MIXTURE MODELS TO CENSORED DATA
9.40–10.10	C. Francq, J.M. Zakoian	OPTIMAL PREDICTIONS OF POWERS OF CONDITIONALLY HETEROSCEDASTIC PROCESSES
10.10–10.40	E. Stoimenova, N. Balakrishnan	ON THE JOINT DISTRIBUTION OF PRECEDENCES AND EXCEEDANCES FOR THE TWO-SAMPLE PROBLEM

Time	Chair: Prof. P. Filzmoser	Plenary presentations
10.40–11.10		
11.10–11.40	H. Liero	TESTING THE EFFECT OF COVARIATES IN LIFE TIME MODELS UNDER CENSORING

11.40–12.10	G.L. Shevlyakov, P.O. Smirnov	ROBUST ESTIMATION OF A CORRELATION COEFFICIENT: AN ATTEMPT OF SURVEY
12.10–12.40	G. Neubauer, G. Duraš, H. Friedl	MODELS FOR UNDERREPORTING: A BERNOULLI SAMPLING APPROACH FOR REPORTED COUNTS
12.40–13.10	V. Malugin, M. Vasilkov	NONPARAMETRIC ANALYSIS OF STOCHASTIC SYSTEMS WITH NONLINEAR FUNCTIONAL HETEROGENEITY

13.10–14.15 **Lunch Break**

14.15–18.00 **Section presentations**

Session 3 (S3) **Probability and Statistical Analysis of Time Series and Stochastic Processes**

Time	Chairs: Prof. N. Troush, Prof. A. Egorov	
14.15–14.40	A.D. Egorov	APPROXIMATE FORMULAE FOR EXPECTATION OF FUNCTIONALS CONTAINING STOCHASTIC INTEGRALS
14.40–15.00	E.V. Koluzaeva, M.A. Matalytski	ANALYSIS OF HM-NETWORKS WITH ARBITRARY TOPOLOGY
15.00–15.20	V.M. Romanchak, V.L.Hurevich, P.S.Serenkov	METHOD OF SINGULAR WAVELET: DATA APPROXIMATION AND SMOOTHING ACCORDING TO PROCESS EFFECTIVENESS
15.20–15.40	V.A. Voloshko, Yu.S. Kharin	STATISTICAL FORECASTING BASED ON BLOOMFIELD EXPONENTIAL MODEL

15.40–16.00 **Coffey Break**

16.00–16.20	J.B. Azimov	LIMIT THEOREMS FOR THE CRITICAL GALTON-WATSON BRANCHING PROCESS WITH STATE-DEPENDENT IMMIGRATION
16.20–16.40	T. Aneichyk	OFFLINE ESTIMATION OF ORIGIN-DESTINATION MATRICES USING SIMULTANEOUS PERTURBATION STOCHASTIC APPROXIMATION ALGORITHM
16.40–17.00	N.N. Troush, Chen Hailong	ESTIMATION OF THE LOCATION PARAMETER OF α -STABLE DISTRIBUTIONS
17.00–17.15	E. Mirotin	DATA SERIES FORECASTING USING NON-DECIMATED WAVELET TRANSFORM
17.15–17.30	M.M. Mitskevich	CHANGE POINT DETECTION BASED ON THRESHOLDING STATISTIC
17.30–17.45	N.N. Troush, A.N. Yarosh	STATISTICAL ANALYSIS OF PARAMETER ESTIMATIONS OF SOME TIME SERIES MODELS
17.45–18.00	A.V. Kuzmina	VARIANCE GAMMA PROCESS SIMULATION AND IT'S PARAMETERS ESTIMATION

Session 5 (S5)

Computer Simulation of Stochastic Systems

Time	Chair: Prof. K. Ducinskas	
14.15–14.40	Sh.K. Formanov, T.A. Formanova, L.D. Sharipova	ON SOME PROBLEMS OF STATISTICAL ACCEPTANCE CONTROL
14.40–15.00	V.V. Alexandrov, V.Y. Sikachev	AIRPORT AIRSPACE TRAFFIC SIMULATION RESEARCH SYSTEM
15.00–15.20	E.K. Kornoushenko, A.A. Lobko	THE ORIGINAL CLASSIFICATION ALGORITHM FOR THE IMPROVEMENT OF REGRESSION MODELS FOR THE PURPOSE OF TAXATION
15.20–15.40	M. S. Abramovich, Yu. G. Prikhodko	RELIABILITY FORECASTING OF VEHICLES BASING UPON THE GRAPH OF STATES
15.40–16.00	E.V. Chimitova, M.M. Remneva, M.A. Vedernikova	COMPUTER APPROACH IN CONSTRUCTING SURVIVAL REGRESSION MODELS AND TESTING ADEQUACY
15.40–16.00		Coffey Break
16.00–16.20	B.V. Sokolov, E.G. Tsivirko, A.V. Vinel	OVERVIEW OF BROADBAND WIRELESS ACCESS TECHNOLOGIES AND STOCHASTIC MODELS FOR THEIR PERFORMANCE EVALUATION
16.20–16.40	A.A. Halavatyi, M.M. Yatskou, V.V. Apanasovich, E. Friederich	GENERALISED MATHEMATICAL MODEL FOR INTERPRETATION OF FRAP EXPERIMENTS
16.40–17.00	V. Chukhutsina, A.Halavatyi, M. Yatskou, E. Friederich, V. Apanasovich	STRUCTURALLY RESOLVED STOCHASTIC SIMULATION MODEL OF ACTIN POLYMERIZATION
17.00–17.15	I. P. Shingaryov, V. V. Skakun, V. V. Apanasovich	INTENSITY DISTRIBUTION ANALYSIS IN FLUORESCENCE FLUCTUATION SPECTROSCOPY WITH A TWO-DIMENSIONAL BRIGHTNESS PROFILE
17.15–17.30	U.I. Behunkou, S.S. Smorodinsky	SIMULATION MODEL OF THE INSURANCE COMPANY
17.30–17.45	D.V. Barovik, V.B. Taranchuk	COMPUTER MODEL OF RUNNING CROWN FOREST FIRE
17.45–18.00	O.V.Shut	LOGICAL AND PRECEDENT-RELATED REPRESENTATION OF INFORMATION IN PATTERN RECOGNITION

Session 6 (S6)**Econometric Analysis and Modeling**

Time	Chairs: Prof. S. Aivazian, Prof. W. Charemza	
14.15–14.40	A.A. Peresetsky	RUSSIAN BANKS PROBABILITY OF DEFAULT MODELS: MONEY LAUNDERING VS. FINANCIAL INSOLVENCY
14.40–15.00	P. Radkov, L.D. Minkova	MARKOV-BINOMIAL OPTION PRICING MODEL
15.00–15.20	S. Aslan, C. Yozgatligil, C. Iyigaun, I. Batmaz, M. Turkes, H. Tatli	COMPARISON OF MISSING VALUE IMPUTATION METHODS FOR TURKISH MONTHLY TOTAL PRECIPITATION DATA
14.40–15.00	M.K. Kravtsov, N.M. Bareika, V.I. Burdyka	MACROECONOMETRIC MODELING AND FORECASTING OF THE BELARUSIAN ECONOMY
15.40–16.00		Coffey Break
16.00–16.20	G.A. Khatskevich, S.A. Bekish	COMPUTER MODELING OF STRUCTURE OF CONSUMER BASKET
16.20–16.40	A. Jakaitiene, J. Katina	REAL BUSINESS CYCLE MODEL FOR LITHUANIAN ECONOMY
16.40–17.00	I. Katin, J. Mockus	UPDATED WALRAS MODEL
17.00–17.15	E. Perekhodtseva	THE MODEL OF STATISTICAL FORECAST OF STORM WIND AND HEAVY RAINFALLS AT THE TERRITORY OF BELARUS
17.15–17.30	V.I. Malugin, N.V. Hryn	ON THE USING OF ECONOMETRIC MODELS IN THE CREDIT SCORING SYSTEMS
17.30–17.45	A. Miksjuk	A MODEL OF THE INTERBANK INTEREST RATE AND ITS APPLICATION IN LIQUIDITY MANAGEMENT BY THE NATIONAL BANK OF BELARUS
17.45–18.00	A. Korchahin, A. Zhukau	MEASURING OF THE EFFICIENCY OF BANK BRANCHES ON THE BASIS OF DEA APPROACH

Friday, September 10

Time	Chair: Prof. D. Chibisov	Plenary presentations
9.00–9.40	S. Aivazian, M. Afanasiev	ECONOMETRIC APPROACH TO THE ASSESSING OF PRODUCTION POTENTIAL OF A COMPANY ACCOUNTING FOR HUMAN CAPITAL
9.40–10.10	J. J. Egozcue V. Pawlowsky-Glahn	A COMPOSITIONAL APPROACH TO CONTINGENCY TABLES
10.10–10.40	A.M. Zubkov,	GOODNESS-OF-FIT TEST BASED ON LOCAL MAXIMA

N.A. Kharitonova, E.Khil

10.40–11.10

Coffey Break

11.10–11.40 **A.V. Dobrovidov,
G.M. Koshkin**

AUTOMATIC NONPARAMETRIC SIGNAL FILTRATION

11.40–12.10 **A.V. Bernstein,
A.P. Kuleshov**

COMPUTER DATA ANALYSIS IN METAMODELING

12.10–12.40 **K. Ducinkas,
L. Dreiziene**

SUPERVISED CLASSIFICATION OF THE SCALAR GAUSSIAN
RANDOM FIELD OBSERVATION

12.40–13.10 **Yu.S. Kharin,
A.I. Piatlitski**

Closing Lecture: STATISTICAL ANALYSIS OF HIGH-ORDER
MARKOV CHAINS WITH PARTIAL CONNECTIONS

13.10–14.15

Lunch Break

14.15–17.20

Section presentations

Session 4 (S4)

**Probability and Statistical Analysis
of Discrete data**

Time Chair: Prof. Yu. Pavlov

14.15–14.40 **I.A. Cheplyukova,
Yu.L. Pavlov**

LOCAL LIMIT THEOREM FOR A χ^2 -TYPE STATISTIC IN
INTERNET GRAPHS

14.40–15.00 **Yu.S. Kharin,
M.V. Maltsev**

ON STATISTICAL ANALYSIS OF MARKOV CHAINS WITH
CONDITIONAL MEMORY DEPTH

15.00–15.20 **E. Korotkov**

SEARCH OF POSSIBLE READING FRAME SHIFTS IN GENES

15.20–15.40 **V.M. Rudenko,
E.V. Korotkov**

APPLICATION OF A MONTE-CARLO METHOD FOR SEARCH
OF THE OPEN READING FRAME SHIFTS IN DNA CODING
SEQUENCES.

15.40–16.00

Coffey Break

16.00–16.20 **A.L. Kostevich,
A.V. Shilkin**

ANALYSIS OF TESTS FOR RANDOMNESS BASED ON
UNIVERSAL PREDICTORS: BERNOULLI TRIALS CASE

16.20–16.40 **T. Rekašius**

COMPLEXITY METRICS AND VISUALIZATION OF DNA
SEQUENCES

16.40–17.00 **I.S. Nikitina,
A.L. Kostevich**

INCREASING THE POWER OF A TWO-LEVEL CHI-SQUARE
PROCEDURE OF MULTIPLE HYPOTHESIS TESTING

17.00–17.20 **E.O. Volkorez**

STEGANOGRAPHIC METHOD WITH HISTOGRAM
CORRECTION

Session 7 (S7)

Computer Intensive Methods, Algorithms and Statistical Software

Time	Chair: Prof. C. Francq	
14.15–14.40	A. Alfons, M. Templ, P. Filzmoser	CONTAMINATION MODELS IN THE R PACKAGE SIMFRAME FOR STATISTICAL SIMULATION
14.40–15.00	A.E. Barabanov, A.Grusha	IDENTIFICATION OF A SPEAKER POSITION
15.00–15.20	A.E. Barabanov, P. Moskalevich	ALLOPHONE SEGMENTATION BY CEPSTRA STATISTICS
15.20–15.40	S.P. Chistiakov	ON A MULTIVARIATE HOMOGENEITY TEST BASED ON ONE-CLASS SUPPORT VECTOR MACHINES

15.40–16.00

Coffey Break

16.00–16.20	A.V. Zorine	COMPUTER ANALYSIS OF A CYCLIC SERVICE ALGORITHM WITH VARYING DURATIONS
16.20–16.35	M.S. Abramovich, S.V. Anishchanka, A.V. Anishchanka, N.N. Savva	SPATIAL CLUSTERING IN RARE DISEASES AND ITS USE FOR CHILDHOOD LEUKEMIA
16.35–16.50	D.A. Viattchenin	HEURISTIC POSSIBILISTIC CLUSTERING AND SWITCHING REGRESSION
16.50–17.05	E.I. Sukach, S.F. Maslovich, P.V. Girust, D.V. Ratobylskaya	COMPUTER MODELING OF THE RELIABILITY OF FUNCTIONALLY COMPLEX SYSTEMS
17.05–17.20	A. Damaratski, A. Juodelis, D. Novikau, D.A. Viattchenin	HEPOCLAN - A SOFTWARE TOOL FOR HEURISTIC POSSIBILISTIC CLUSTERING

Session 8 (S8)

Computer Data Analysis in Applications

Time	Chair: Prof. A. Barabanov	
14.15–14.40	M.A. Fedotkin	COMPUTER ANALYSIS OF FLOW DATA FOR CONTROLLING SYSTEM REFUSALS
14.40–15.00	A.P. Kuleshov, A.V. Bernstein, E.V. Burnaev	INVARIANT APPROXIMATION AND ITS APPLICATION FOR INTEGRATION OF DATA-DOMAIN KNOWLEDGE INTO METAMODELS
15.00–15.15	A. Kuleshov, V. Nelayev, V. Stempitsky	STATISTICAL ANALYSIS AND OPTIMIZATION IN THE PROCESS/DEVICE/CIRCUIT/SYSTEM MICROELECTRONICS DESIGN
15.15–15.30	G.Rakhimov, N.Ibragimova,	NEW APPROACHES AND IMPROVED TESTS IN MATHEMATICS USING COMPUTER TECHNOLOGY

	U.Rihsieva, M.Rakhimova	
15.30–15.45	B.A. Zhelezko, O.A. Siniavskaya	EFFICIENCY ASSESSMENT OF THE RULE AND MODEL BASES IN DECISION SUPPORT SYSTEMS
15.45–16.00		Coffey Break
16.00–16.15	A.V. Bernstein, E.V. Burnaev, M.G.Belyaev, P.V. Prihodko	DIMENSION REDUCTION AS A PART OF FUNCTION APPROXIMATION PROBLEM
16.15–16.30	E.V. Burnaev, P.V. Prihodko	CLUSTERING IN DIMENSION REDUCTION FOR FUNCTION APPROXIMATION PROBLEM
16.30–16.45	E.V. Burnaev, M.G. Belyaev, P.V. Prihodko	APPROXIMATION OF MULTIDIMENSIONAL DEPENDENCY BASED ON AN EXPANSION IN PARAMETRIC FUNCTIONS FROM THE DICTIONARY
16.45–17.00	E.V. Burnaev, M.G. Belyaev	MODEL SELECTION IN FUNCTION APPROXIMATION PROBLEM BASED ON STATISTICAL LEARNING THEORY
17.00–17.10	S.V. Markevich, S.S. Chernova	AUTOMATIC GENERATION OF DIMENSION REDUCTION PROCEDURES
17.10–17.20	D.E. Vetrov, S.S. Chernova	SOFTWARE SUPPORT FOR AUTOMATUCALLY GENERATED PROCEDURES

17.20

Amateur Music Party

Organizing Committee

Post Address: Prof. Yu. Kharin
 Dept. of Mathematical Modeling and Data Analysis,
 Belarusian State University,
 4 Nezavisimosty av., 220030, Minsk, BELARUS

Phone/Fax: +375 17 209 55 30 / +375 17 209 51 04

Web-site: <http://www.cdam.bsu.by>