DEPARTMENT OF APPLIED INFORMATICS AND INFORMATION TECHNOLOGY

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I. STAFF

Professor	Prof. RNDr. Otokar Grošek, PhD.
Associate Professors	Doc. RNDr. Jaroslav Fogel, PhD., Doc. RNDr. Gabriel Juhás, PhD., Doc. RNDr. Karol Nemoga, PhD., Doc. Dr. Ing. Miloš Oravec,
Assistant Professors	Ing. Štefan Balogh, Ing. Alexander Hambalík, PhD., RNDr. Igor Kossaczky, CSc., RNDr. Eva Kostrecová, PhD., Mgr. Marek Sýs, PhD., Mgr. Zuzana Ševčíková, Ing. Milan Vojvoda, PhD. (Deputy Head of Dept.) Ing. Pavol Zajac, PhD.
Research Workers	Ing. Fedor Lehocki
Technical Staff	Zuzana Šabíková (secretary) Brigita Timková
PhD. Students	Ing. Lukáš Adamko, Ing. Michal Braško, Ing. Matej Feder, Ing. Ondrej Gallo, Ing. Jaroslav Hamráček, Ing. Matúš Jókay, Ing. Igor Kazlov, Ing. Stanislav Marček, Ing. Ján Mazanec, Mgr. Michal Mikuš, Ing. Vladislav Novák, Ing. Ľuboš Omelina, Ing. Filip Pilka, Ing. Štefan Počarovský, Ing. Marek Repka, Ing. Martin Riesz, Ing. Milan Zelina

II. EQUIPMENT

II. 1 Teaching and Research Laboratories

- Laboratory of Security Technologies
- DIEDC - Database Information Education and Demonstration Center
- Laboratory of System Programming
- Laboratory of Medical Informatics
- Laboratory of Operating Systems and Communication Protocols

II. 2 Special Measuring Instruments and Computers

- HP Proliant ML 150
  2x CPU INTEL XEON 2,8 GHz
  RAM 12 GB
  HDD 35 GB
- MSDN Academic Alliance (MSDN AA) = Microsoft Developers Network Academic Alliance

III. TEACHING

III.1 Undergraduate Study (Bc.)

Subject, semester, hours per week for lectures and for seminars or practical exercises, name of the lecturer:

Algorithms and Programming	(1st sem., 3-2 h)	P. Zajac
Algorithms and Programming	(1st sem., 3-2 h)	M. Sýs
Algorithms and Programming	(1st sem., 3-2 h)	I. Kossaczký
Analysis and Complexity of Algorithms	(5th sem., 3-1 h)	M. Vojvoda
Classical Ciphers	(4th sem., 2-2 h)	O. Grošek
Database Systems	(3rd sem., 3-2 h)	M. Vojvoda
Operating Systems	(3rd sem., 3-2 h)	J. Fogel
Programming Techniques	(2nd sem., 3-2 h)	I. Kossaczký
Designing of Database Systems	(2nd sem., 3-1 h)	G. Juhás
Information Security	(5th sem., 2-2 h)	E. Kostrecová
Computer Crimes	(6th sem., 2-2 h)	E. Kostrecová
Modelling in Software Engineering	(5th sem., 2-2 h)	J. Hanák
Introduction to Cryptography	(5th sem., 2-2 h)	O. Grošek
Fast Algorithms	(6th sem., 2-2 h)	K. Nemoga
Communication Protocols	(6th sem., 4-1 h)	A. Hambalík
Introduction to Computer Science	(3rd sem., 3-2 h)	O. Grošek
Communication Networks 1	(2nd sem., 3-1 h)	M. Oravec
Software Application Development 1	(3rd sem., 2-2 h)	G. Juhás
Software Architecture	(5th sem., 2-2 h)	G. Juhás
Management of IT Projects	(6th sem., 2-2 h)	F. Lehocki
Workflow Management Systems	(6th sem., 2-2 h)	F. Lehocki

III.2 Graduate Study (Ing.)

Object-Oriented Programming	(1st sem., 3-2 h)	V. Novák
Ciphers in Communication Networks	(1st sem., 3-2 h)	K. Nemoga
Modelling and Simulations of Event Systems	(1st sem., 3-2 h)	G. Juhás
Practice of Security of Information Systems	(1st +3rd sem., 3-2 h)	M. Zanechal
Formal Methods	(1st sem., 3-2 h)	J. Fogel
Cryptanalysis	(3rd sem., 3-2 h)	M. Vojvoda, M. Sýs, P. Zajac
Analysis and Synthesis of Event Systems	(2nd sem., 3-2 h)	G. Juhás
Biometrics	(2nd sem., 3-2 h)	M. Oravec
System Programming	(2nd, 4th sem., 3-2h)	J. Fogel
Design of Ciphers	(3rd sem., 3-2 h)	P. Zajac
Machine Learirng and Neural Networks	(1st sem., 3-2h)	M. Oravec
Workflow Management Systems, Processes and Web Services	(2nd sem., 3-2 h)	F. Lehocki

III.3 Undergraduate and Graduate Study for Foreign Students
(in English Language)

Algorithms and Programming	(1st sem., 12 h consul.)	M. Sýs
Programming Techniques	(2nd sem., 12 h consul.)	M. Sýs
Databases Systems	(3rd sem., 12 h consul.)	Š. Balogh
Computer Architecture	(2nd sem., 12 h consul.)	M. Jókay
Business Management	(2nd sem., 12 h consul.)	F. Lehocki
Classical Ciphers	(4th sem., 12 h consul.)	O. Grošek

III.4 Distance Study

Algorithms and Programming	(1st sem., 6x2 h consul.)	A. Hambalík

IV. RESEARCH PROJECTS

- ERASMUS Educational Project, Bilateral Agreement, University of La Laguna, Spain (O. Grošek)
- Technology Transfer in the Area of Workflow Process Analysis, Grant APVV-0618-07 (G. Juhás)
- Synthesis of Petri Nets From Nonsequential Scenarios, VEGA 1/0872/08 (G. Juhás)
- Development of Norwegian – Slovak Cooperation in Cryptology, NIL Fund Supporting Cooperation in the Field of Education NIL-I-004, 07.07.2008 – 30.09.2010 (O. Grošek)
- Solution of Current Problems in Cryptology, VEGA 1/0244/09 (O. Grošek)
- Modernization of Education Process in Basic and Grammar Schools., ITMS: 26110130083, 26140130013 and ITMS: 26110130084, 26140130084, certified lector in the project, (A. Hambalík)
- Proposal of Methods of Analysis and Classification for Biometric Recognition of Human Faces and Traffic in Communication Networks, VEGA 1/0214/10 (M. Oravec)
- Cryptographic Algorithms and Primitives with Increased Resistance Against Side Channel Attacks, Project SK-FR-0011-09 (O. Grošek)
- Centre of Excellence of SMART Technologies, Systems and Services ITMS: 26240120005 (G. Juhás)
- Centre of Excellence of SMART Technologies, Systems and Services II ITMS: 26240120029 (G. Juhás)

V. COOPERATION

V.1 Cooperation in Slovakia

- Mathematical Institute, Slovak Academy of Sciences, Bratislava
- National Security Authority, Bratislava
- Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava
- Association of the Infovek Project, Ministry of Education of the Slovak Republic – Project of Informatization of Regional School – PIRŠ
- Slovak Research and Development Agency, Bratislava
- Faculty of Chemical and Food Technology, STU, Bratislava
- Technical University, Zvolen
- J. Selye University, Komárno
- Bratislava Metodical and Pedagogical Centre

- Trenčín Metodical and Pedagogical Centre
- Virtual Academy of Bratislava Self-Governing Region
- University of Constantin the Philosopher, Nitra
- Department of Engineering Pedagogy and Psychology, MtF STU Bratislava
- Ministry of Finance of the SR
- Institute of Measuremet, Slovak Academy of Sciences, Bratislava
- Slovak Standards Institute
- Ministry of Health of the SR, Strategic Targets of Health
- Security Authority of the Ministry of Defence of the SR
- Institute of Forensic Science of Police Corps, Bratislava
- ÚIPŠ Bratislava
- Elfa, Ltd. Košice
- Datalan, Ltd. Bratislava
- Centre of Distance Education (SDV ICV CUP REK), Bratislava
- Centire, Ltd. Bratislava

V.2 International Cooperation

- Institute of Informatics, Academy of Sciences of the Czech Republic, Prague, CzR
- University of LA LAGUNA, Department of Statistics, Operations Research and Computing, Tenerife, Spain
- Department of Information Systems Security, Concordia University College of Alberta, Canada
- Faculty of Informatics MU Brno, CzR
- Department of Mathematics, Faculty of Electrical Engineering, ČVUT Prague, CzR
- Lehrstuhl fuer Angewandte Informatik, Katholische Universitaet Eichstaett-Ingolstadt, Germany
- Fachgruppe Simulation und Modellierung, Institut fuer Systems Engineering, Universitaett Hannover, Germany
- Florida Atlantic University, Boca Raton, Florida, USA
- Department of Mathematics, University of Washington, Tacoma, Washington, USA
- Institute for Experimental Mathematics, University of Essen, Germany
- Department of Mathematics and Science, Indiana State University, USA
- Eszterházy Károly College, Eger, Hungary
- DELTA Elektronik Limited, Budapest, Hungary
- Fundatia Sapientia–Universitatea Sapientia, Facultătile din Miercurea Ciuc, Roumania
- AINTEK A.E, Greece
- Virginia Tech, Blacksburg, Virginia, USA
- McMaster University, Hamilton, Canada
- University of Waterloo, Canada
- University of Toronto, Canada
- Universität Ausgsburg, Germany
- Institut for Informatikk, Universitetet i Bergen, Norway
- Department of Computer Engineering and Mathematics, Universitat Rovira i Virgii, Spain
- Laboratoire Hubert Curien, Université Jean Monnet, Saint –Etienne, France
- Technische Universiteit Eindhoven, Eindhoven, The Netherlands
- University of Southampton, UK

V.3 Membership in International Organizations and Societies

- AMS – American Mathematical Society (O. Grošek)
- SIAM – Society for Industrial and Applied Mathematics (O. Grošek)
- IEEE Computer Society (J. Fogel)
- IACR (K. Nemoga)
- IET, IEEE (M. Oravec)
- The European Association for the Transfer of Technologies, Innovation and Industrial Information (F. Lehocki)

- IEEE EBMS (F. Lehocki)

Membership in Editorial Boards of International Journals

- Tatra Mountains Mathematical Publications, publisher: Mathematical Institut of SAS,
  O. Grošek
- Tatra Mountains Mathematical Publications, publisher: Mathematical Institut of SAS,
  K. Nemoga – managing editor
- Zentralblath Math, publisher: De Gruyter, K. Nemoga - managing editor of the Slovak Unit
- Journal of Mathematical Cryptology, O. Grošek
- Central European Journal of Computer Science (CEJCS), publisher: Versita, co-published with
  Springer Verlag, M. Oravec - editor
- Transactions on Petri Nets and Other Models of Concurrency (publisher: Springer Verlag),
  G. Juhás

VI. THESES

VI.1 Masters Theses

Masters theses supervised at the Department of Applied Informatics and Information Technology.
The names of supervisors are in brackets.

[1] Laššák, J.: Security Communication in Client/Server Applications (K. Nemoga)
[2] Kühnel, M.: Random Number Generator Based on Elliptic Curve (K. Nemoga
[3] Vagánek, P.: Alternative Representations of Elliptic Curves in Cryptography (P. Zajac)
[4] Török, T.: LLL Algorithm in Cryptography (M. Sýs)
[5] Repka, M.: Generic Attacks on Feistel Schemes (O. Grošek)
[6] Petričko, D.: Encryption in Botnets (P. Košinár, O. Grošek)
[**7**] Oravec, I.: Network Information System Security Assessment Methodology (V. Janský,
  O. Grošek)
[8] Šrenkel, V.: Timing Side Channel Attacks (M. Vojvoda)
[9] Schwarcz, M.: Analysis of Algorithms for Fingerprints Classification (K. Nemoga)
[10] Rybánska, D.: Side Channel Attacks Based on Error Messages (M. Vojvoda)
[11] Prídavok, M.: Side Channel Attacks with Fault Induction (M. Vojvoda)
[12] Najeeb, N.: Cryptographic Algorithms in Arabic Countries in Recent and Distant History
  (K.Nemoga)
[13] Moravčík, T.: Steganography in JPG Image File (M. Jókay)
[14] Michalica, M.: Verification of Communication Protocols (J. Fogel)
[15] Lehocký, L.: Modern Computer Infiltrations and Possibilities of Protection against them
  (F. Schindler, O. Grošek))
[16] Král, T.: Honeypot/Honeynet in Forensics Analysis (Ľ. Páleník, O. Grošek)
[17] Kosorinský, M.: Preparation of Base for NFS (P. Zajac)
[18] Bartko, J.: Ways to Protect Software against Debugging (Š. Balogh)
[19] Brinzik, J.: Quantification of SOA Proposition (F.Lehocki)
[20] Bajcsi, O.: Generating eForms Based on Web Service (G. Juhás)
[21] Čižmár, M.: Creating of Multimedia Learning System for Children Patients (F. Lehocki)
[22] Hačkulič, D.: Design and Implementation on Intelligent Systems in Modern Buildings
  (F. Lehocki)
[23] Hamráček, J.: Integrated Information System of Public Administration-Infrastructure (G. Juhás)
[24] Chatrnúch, M.: Software Support of Modelling of Concurrency in Petri Nets (G. Juhás)
[25] Kazlov, I.: Dynamic Soundness of Workflow Processes (G. Juhás)
[26] Koščáková, B.: E-Prescribing (F. Lehocki)
[27] Kubačka, S.: Client-Server Architecture of EHR Systems (F. Lehocki)
[28] Mach, M.: Telemedicine Applications for Monitoring Patient Blood Pressure (F. Lehocki)
[29] Nadanyi, P.: Architecture and Design of HER (F. Lehocki)

[30] Perašín, M.: Medical Diagnostic System (F. Lehocki)
[31] Slovák, M.: Real-Time Automata Systems Modelling (J. Fogel)
[32] Široký, A.: Workflow Systems to Support Business Processes (F. Lehocki)
[33] Škoda, A.: Electronic Prescribing System Implementation (F. Lehocki)
[34] Šutka, M.: Modern Techniques for Programming with Databases MS SQL in NET Framework (F. Schindler, O. Grošek))
[35] Terpák, P.: Knowledge Discovery (G. Juhás)
[36] Vaczula, M.: Modelling of Clinical Processes (F. Lehocki)
[37] Vanák, J.: Social Server for Synchronization of Data from Mobile Device (F. Lehocki)
[38] Vojta, M.: Analysis of Dependences in Petri Nets Transitions (Z. Ševčíková)
[39] Zibura, Š: E-learning for Patients with Long-Term Diseases (F. Lehocki)

VI.2 PhD Theses

VII. OTHER ACTIVITIES

  - Seminar Crypto (O. Grošek)
  - Reviewer of ZentralblattMath (K. Nemoga, O. Grošek)

VIII. PUBLICATIONS

VIII.1 Journals

[1] ADAMKO, L. - SÝS, M.: Statistical Testing of Random Number Generators HMAC DRBG and HASH DRBG. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 5-10. (in Slovak)

[2] BALOGH, Š.: Methods for Detection of Viruses and Malicious Code. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 11-16. (in Slovak)

[3] BAN, J. - FÉDER, M. - ORAVEC, M.: Biometric Methods for Recognition of Human Face Images. In: Posterus.sk. - ISSN 1338-0087. - March (2010), http://www.posterus. sk/?p=5334 . (in Slovak)

[4] BRAŠKO, M.: Deterministic Random Number Generators defined by NIST SP 800-90. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 17-20. (in Slovak)

[5] GROŠEK, O. - SÝS, M.: Isotopy of Latin Squares in Cryptography. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 27-35. (in English)

[6] JÓKAY, M. - MORAVČÍK, T.: Image-Based JPEG Steganography. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 65-74. (in English)

[7] JÓKAY, M. - MORAVČÍK, T.: Image-Based JPEG Steganography. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 36-40. (in Slovak)

[8] KOSTRECOVÁ, E.: Need for Presonal Data Protection from Legal Aspect In: Policajná teória a prax. - ISSN 1335-1370. - Police Theory and Practice (2010), p. 50-58. (in Slovak)

[9] MIKUŠ, M. - ZAJAC, P.: NIL-I-004 Project Supports the International Cooperation.   In: Spektrum. - ISSN 1336-2593. - Roč.17, č.4 (2010), s. 10-11 (in Slovak)

[10] RADDUM, H. - SÝS, M.: The Zodiac Killer Ciphers. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 75-91. (in English)

[11] RIESZ, M. - JUHÁS, G.: Synthesis of Petri Nets in PetriFlow. In: Petri Net Newsletter. - ISSN 0931-1084. - Vol. 76 (2010), p. 3-10. (in English)

[12] SCHILLING, T. - ZAJAC, P.: Phase Transition in a System of Random Sparse Boolean Equations. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 93-105. (in English)

[13] SEMAEV, I. - MIKUŠ, M.: Methods to Solve Algebraic Equations in Cryptanalysis. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 107-136. (in English)

[14] SLAMINKOVÁ, I. - VOJVODA, M.: Cryptanalysis of a Hash Function Based on Isotopy of Quasigroups. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 137-149. (in English)

[15] SLAMINKOVÁ, I. - VOJVODA, M.: Cryptanalysis of a Hash Function Based on Isotopy of Quasigroups. In: Posterus.sk. - ISSN 1338-0087. - September (2010), http://www.posterus.sk/?p=8466 .(in Slovak)

[16] ZAJAC, P.: On the Use of the Lattice Sieve in the 3D NFS. In: Tatra Mountains Mathematical Publications. - ISSN 1210-3195. - Vol. 45: NILCRYPT '10 (2010), p. 161-171. (in English)

[17] ZELINA, M. - ORAVEC, M.: Estimation and Reduction of Bins in Traffic Classification. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue. (2010), p. 53-57. (in English)

VIII.2 Conference Proceedings

[1] BRAŠKO, M.: Random Number Generators Approved by NIST. In: ELITECH´10: 12th Conference of Doctoral Students. Bratislava, Slovak Republic, 26.5.2010. - Bratislava: STU, 2010. - ISBN 978-80-227-3303-8. - CD-Rom. (in English)

[2] GALLO, O. - NEČAS, T. - LEHOCKI, F.: A Tool for the Synthesis of Asynchronous Speed Independent Circuits. In: Application of Region Theory (ART): 1st Workshop. Braga, Portugal, 21.-22.6.2010. - Springer Verlag, 2010. - ISBN 978-972-8692-54-4. - p. 61-65. (in English)

[3] GUBÁŠ, M. - ADAMKO, L.: DNA Code Overview Study. In: ŠVOČ 2010: Proceedings of Selected Works. - Bratislava: FEI STU, 2010. - ISBN 978-80-227-3286-4. - CD-Rom. (in Slovak)

[4] HAMBALÍK, A.: Checking the Originality of Digital Pictures. In: Trends in Education: Olomouc, Czech Republic, 24.6.2010. - Olomouc: Votobia, 2010. - ISBN 978-80-87244-09-0. – Part 2, p. 360-363. (in Slovak)

[5] JÓKAY, M.: Remarks on the GRID Computation of the Characteristics of Boolean Matrices. In: GCCP 2010 Proceedings: 6th International Workshop on Grid Computing for Complex Problems, Bratislava, Slovakia, 8.-10.11.2010. - p. 57-63. (in English)

[6] MIKOLÁŠEK, M. - RACKO, J. - HARMATHA, L. - GALLO, O. - REŽNÁK, J.: A New Model of Trap Assisted Band-to-Band Tunnelling. In: ASDAM 2010. 8th International Conference on Advanced Semiconductor Devices and Microsystems: Smolenice Castle, Slovak Republic. 25.-27.10.2010. - Piscataway: IEEE, 2010. - ISBN 978-1-4244-8572-7. (in English)

[7] OMELINA, Ľ. - ORAVEC, M.: IRIS Recognition Based on Gabor Filters. In: ELITECH´10: 12th Conference of Doctoral Students. Bratislava, Slovak Republic, 26.5.2010. - Bratislava: STU, 2010. - ISBN 978-80-227-3303-8. - CD-Rom. (in English)

[8] PAVLOVIČOVÁ, J. - ORAVEC, M. - OSADSKÝ, M.: An Application of Gabor Filters for Texture Classification. In: Proceedings ELMAR-2010: 52nd International Symposium ELMAR-2010. Zadar, Croatia, 15.-17.9.2010. - Zadar: Croatian Society Electronics in Marine, 2010. - ISBN 978-953-7044-11-4. - p. 23-25. (in English)

[9] PONDELÍK, M. - BALOGH, Š.: Capture of Encryption Keys by Analyzing Memory. In: ELITECH´10: 12th Conference of Doctoral Students. Bratislava, Slovak Republic, 26.5.2010. - Bratislava: STU, 2010. - ISBN 978-80-227-3303-8. - CD-Rom. (in English)

[10] RIESZ, M. - SEČKÁR, M. - JUHÁS, G.: PetriFlow: A Petri Net Based Framework for Modelling and Control of Workflow Processes. In: Application of Region Theory (ART): 1st Workshop. Braga, Portugal, 21.-22.6.2010. - Springer Verlag, 2010. - ISBN 978-972-8692-54-4. - p. 45-59. (in English)

[11] SELICKÝ, P. - ZAJAC, P.: Computation of the ANF of Sparse Boolean Functions. In: ŠVOČ 2010: Proceedings of Selected Works. - Bratislava: FEI STU, 2010. - ISBN 978-80-227-3286-4. - CD-Rom. (in Slovak)

[12] SESTRIENKA, M. - ORAVEC, M. - PAVLOVIČOVA, J.: Simulation of Physical Layer and Medium Access Control Sublayer in IEEE 802.11x Networks. In: Proceedings ELMAR-2010: 52nd International Symposium ELMAR-2010. Zadar, Croatia, 15.-17.9.2010. - Zadar: Croatian Society Electronics in Marine, 2010. - ISBN 978-953-7044-11-4. - p. 261-264. (in English)

[13] SIGETI, P. - ORAVEC, M.: Simulation of Video Transmission over IEEE 802.11g LAN. In: Proceedings Redžúr 2010: 4th International Workshop on Speech and Signal Processing. Bratislava, Slovak Republic, 14.5.2010. - Bratislava: Nakladateľstvo STU, 2010. - ISBN 978-80-227-3296-3. - p. 26-31. (in English)

[14] SLAMINKOVÁ, I. - VOJVODA, M.): Cryptanalysis of Hash Function Based on Quasigroups. In: ŠVOČ 2010: Proceedings of Selected Works. - Bratislava: FEI STU, 2010. - ISBN 978-80-227-3286-4. - CD-Rom. (in Slovak)

[15] ZAJAC, P.: Algebraic Cryptanalysis in Practice. In: 10th Central European Conference on Cryptography: Beldewo, Poland, 10.12.6.2010. - Warsaw: International Mathematical Center, 2010. - on-line. (in English)

[16] ZELINA, M. - ORAVEC, M.: Feature Selection for Application Recognition in Communication Networks. In: International Masaryk Conference for PhD. Students and Young Researchers: Hradec Králové, Czech Republic, 6.-10.12.2010. - Hradec Králové: Magnanimitas, 2010. - ISBN 978-80-86703-41-1. - p. 708-715. (in English)

[17] ZELINA, M. - ORAVEC, M.: Representation of Traffic in Communication Networks. In: ELITECH´10: 12th Conference of Doctoral Students. Bratislava, Slovak Republic, 26.5.2010. - Bratislava: STU, 2010. - ISBN 978-80-227-3303-8. - CD-Rom. (in English)

VIII.3 Parts of Books

[1] JUHÁS, G. - KAZLOV, I. - JUHÁSOVÁ, A.: Instance Deadlock: A Mystery behind Frozen Programs. In: Lecture Notes in Computer Science. - ISSN 0302-9743. - Vol. 6128 Applications and Theory of Petri Nets (2010), p. 1-17. (in English)

[2] KOSTRECOVÁ, E.: Business Intelligence and Information Security. In: Selected Parts of New Economics. - Praha: Wolters Kluwer, 2010. - ISBN 978-80-7357-569-4. - p. 106-140. (in Czech)

[3] ORAVEC, M. - MAZANEC, J. - PAVLOVIČOVÁ, J. - EIBEN, P. - LEHOCKI, F.: Face Recognition in Ideal and Noisy Conditions Using Support Vector Machines, PCA and LDA. In: Face Recognition. - Vukovar: In-Tech, 2010. - ISBN 978-953-307-060-5. - p. 125-150. (in English)