

**Technická univerzita v Košiciach**  
**Prehľad publikačnej činnosti vrátane ohlasov**  
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**Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)**

**Počet záznamov: 4**

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (1)

AAB - Vedecké monografie vydané v domácich vydavateľstvách (1)

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (2)

**Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)**

**Počet záznamov: 4**

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)

BAB - Odborné monografie vydané v domácich vydavateľstvách (1)

BCI - Skriptá a učebné texty (1)

FAI - Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) (1)

**Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)**

**Počet záznamov: 4**

ADC - Vedecké práce v zahraničných karentovaných časopisoch (1)

ADD - Vedecké práce v domácich karentovaných časopisoch (3)

**Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)**

**Počet záznamov: 99**

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (16)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (6)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (8)

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (8)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (26)

AFD - Publikované príspevky na domácich vedeckých konferenciách (35)

**Skupina D - Ostatné - mimo kategórií MŠSR**

**Počet záznamov: 9**

AFL - Postery z domácich konferencií (1)

BEF - Odborné práce v domácich nerecenzovaných zborníkoch (konferenčných aj nekonferenčných) (1)

GAI - Výskumné štúdie a priebežné správy (4)

GHG - Práce zverejnené na internete (3)

**Počet záznamov spolu: 120**

**Menný zoznam publikácií:**

**AAA - Vedecké monografie vydané v zahraničných vydavateľstvách(1)**

AAA001 [65162] **Trusted operational scenarios** / Radoslav Delina, Viliam Vajda, Peter Bednár - Kranj : Moderna organizacija, - 2007. - 78 p. - ISBN 978-961-232-205-2. Spôsob prístupu: <http://www.seamless-eu.org/deliverables/TrustedOperationalScenarios.pdf>.

[DELINA, Radoslav - VAJDA, Viliam - BEDNÁR, Peter]

**Ohlasy:**

2011 [1] TKÁČ, Michal Role of Trust Building Mechanisms as a Necessity Requirement of Entry to

e-Business Environment In: IDIMT 2011 : Interdisciplinarity in complex system : 19th Interdisciplinarity information management talks : 7. - 9 . september 2011, Jindřichův Hradec Vol. 36 (2011), p. 349-356 ISBN: 978-3-85499-873-0

### **AAB - Vedecké monografie vydané v domácich vydavateľstvách(1)**

AAB001 [49222] **Foreign direct investments in Central East Europe and their impact on productivity Gap. Analysis using statistical and data-mining approach** some results of the ProductivityGap project/ Tomáš Sabol ... [et al.] - Košice : Viena - 2005. - 168 s. - ISBN 80-89232-05-1.

[SABOL, Tomáš - HOŠKOVÁ, Adela - HREŇO, Ján - BEDNÁR, Peter - BUTKA, Peter - ŠOLTÉS, Michal]

### **ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách(2)**

ABC001 [110282] **A Platform for Semantically Enhanced Business Collaboration of Networked Enterprises** / Karol Furdík ... [et al.] - 2011.In: Introduction to the Semantic Web : Concepts, Technologies and Applications. - Hong Kong : iConcept Press, 2011 P. 121-144. - ISBN 978-0-9807330-1-3

[FURDÍK, Karol - SABOL, Tomáš - HREŇO, Ján - BEDNÁR, Peter - LUKÁČ, Gabriel - MACH, Marián]

ABC002 [124575] **Personalized and Adaptive Access to Services – The Semantic Web Services Approach** / Marek Paralič, Peter Bednár, Ján Paralič - 2012.In: Semantic Hyper/Multimedia Adaptation : Schemes and Applications : Studies in Computational Intelligence Volume 418. - Berlin Heidelberg : Springer-Verlag, 2013 P. 231-247 [1,21 AH]. - ISBN 978-3-642-28976-7 - ISSN 1860-949X [PARALIČ, Marek - BEDNÁR, Peter - PARALIČ, Ján]

#### **Ohlasy:**

2016 [1] GALKO, L., PORUBĀN, J. Approaches to human-computer interaction based on observation of a software developer In: INFORMATICS 2015 : IEEE 13th International Scientific Conference on Informatics : Poprad, 18-20 November, 2015 P. 130-108 ISBN: 978-146739868-8

2016 [1] BAČIKOVÁ, M. User experience design: contrasting academic with practice In: ICETA 2015 : 13th IEEE International Conference on Emerging eLearning Technologies and Applications : Stary Smokovec, 26-27 November, 2015 Art. no. 7558493 ISBN: 978-146738534-3

### **ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(1)**

ACB001 [97148] **Dolovanie znalostí z textov** / Ján Paralič ... [et al.] - 1. vyd - Košice : Equilibria - 2010. - 183 s.. - ISBN 978-80-89284-62-7.

[PARALIČ, Ján - FURDÍK, Karol - TUTOKY, Gabriel - BEDNÁR, Peter - SARNOVSKÝ, Martin - BUTKA, Peter - BABIČ, František]

#### **Ohlasy:**

2011 [4] KONCZ, Peter Podpora rozhodovania s využitím aspektovo založenej analýzy sentimentu In: WIKT 2011 : proceedings : 6th Workshop on Intelligent and Knowledge oriented Technologies : November 24-25, 2011, Herľany, Slovakia S. 123-127 ISBN: 978-80-89284-99-3

2011 [2] MACHOVÁ, K., FODOROVÁ, D. Knowledge discovery from repository of web information In: SAMI 2011 : 9th International Symposium on Applied Machine Intelligence and Informatics : Smolenice, Slovakia S. 339-342 ISBN: 978-1-4244-7429-5

2011 [3] MACHOVÁ, K., FODOROVÁ, D. Knowledge discovery from repository of web information In: American Journal of Intelligent Systems Vol. 1, no. 1 (2011), p. 37-42 ISSN: 2165-8994

2013 [1] MUNKOVA, D., MUNK, M., VOZAR, M. Data Pre-Processing Evaluation for Text Mining : Transaction/Sequence Model In: 2013 International Conference on Computational Science : Procedia

Computer Science Vol. 18 (2013), p. 1198–1207 ISSN: 1877-0509

2012 [1] MUNKOVA, D., MUNK, M., FRATEROVA, Z. et al. Analysis of Social and Expressive Factors of Requests by Methods of Text Mining In: Proceedings of the 26th Pacific Asia Conference on Language, Information and Computation, PACLIC 2012 : Bali, Indonesia, 7 November 2012 P. 515-524 ISBN: 978-979142117-1

2014 [1] MUNKOVA, D., MUNK, M., ADAMOVA, L. Modelling of Language Processing Dependence on Morphological Features In: ICT Innovations 2013: ICT Innovations and Education : Advances in Intelligent Systems and Computing : September 12-15, 2013, Ohrid, Macedonia Vol. 231 (2014), p. 77-86 ISSN: 2194-5357 ISBN: 978-3-319-01465-4

2013 [1] DELINA, R., PACKOVÁ, M. Prediction Bankruptcy models validation in Slovak business environment In: E a M: Ekonomie a Management Vol. 16, no. 3 (2013), p. 101-112 ISSN: 1212-3609

2013 [1] SMOLKA, P., et al. The proposal of model searching over vaguely structured documents In: Mendel 2013: 19th International Conference on Soft Computing: Evolutionary Computation, Genetic Programming, Swarm Intelligence, Fuzzy Logic, Neural Networks, Fractals, Bayesian Methods: Brno P. 379-384 ISBN: 978-802144755-4

2015 [1] ŠPILKA, M., ROZINAJ, G., RYBÁROVÁ, R. Context analysis using bigrams In: INAS 2015 : IEEE 19th International Conference on Intelligent Engineering Systems : Bratislava, 3-5 September, 2015 P. 401-404 ISBN: 978-146737939-7

2016 [2] HLUCHY, Ladislav et al. Effective computation resilience in high performance and distributed environments In: Computing and Informatics Vol. 35, no. 6 (2016), p. 1386-1415 ISSN: 1335-9150

2016 [1] HANUSNIAK, Vladimir et al. Document similarity analysis in Slovak language In: ICIMTECH : International Conference on Information Management and Technology : Bendung, 16-18 November, 2016 P. 281-285 ISBN: 978-1-5090-3352-2

2017 [1] KUCERA, E. - HAFFNER, O. - STARK, E. A Method For Data Classification In Slovak Medical Records In: FedCSIS 2017 : 2017 Federated Conference on Computer Science and Information Systems : Prague, 3-6 September, 2017 Art. no. 8104536 (2017), p. 181-184 ISBN: 978-839464537-5

2017 [1] HRCKA, Lukas et al. Using text mining methods for analysis of production data in automotive industry In: Advances in Intelligent Systems and Computing volume 573 : CSOC 2017 : Artificial Intelligence Trends in Intelligent Systems volume 1 : 6th Computer Science On-Line Conference : April, 2017 P. 393-403 ISBN: 978-3-319-57261-1

### **ADC - Vedecké práce v zahraničných karentovaných časopisoch(1)**

ADC001 [206867] **Cross-Sectorial Semantic Model for Support of Data Analytics in Process Industries** / Martin Sarnovský, Peter Bednár, Miroslav Smatana - 2019. In: Processes. Roč. 7, č. 5 (2019), s. 281-281 [online]. - ISSN 2227-9717 (online) Spôsob prístupu: [https://apps.webofknowledge.com/full\\_record.do?product=CCC&search\\_mode=GeneralSearch&qid=1&SID=C3w3F7PkuauwUzkEBIq&page=1&doc=1](https://apps.webofknowledge.com/full_record.do?product=CCC&search_mode=GeneralSearch&qid=1&SID=C3w3F7PkuauwUzkEBIq&page=1&doc=1). [SARNOVSKÝ, Martin - BEDNÁR, Peter - SMATANA, Miroslav]

### **ADD - Vedecké práce v domácich karentovaných časopisoch(3)**

ADD001 [53096] **Indexes of economic, social and technological development** / Tomáš Sabol ... [et al.] - 2006. In: Ekonomický časopis. Roč. 54, č. 7 (2006), s. 685-698. - ISSN 0013-3035 [SABOL, Tomáš - HREŇO, Ján - DELINA, Radoslav - VAJDA, Viliam - BEDNÁR, Peter]  
**Ohlasy:**

2009 [1] ANDRÝSKOVÁ, J. eGovernment readiness assessment of the Czech Republic In: Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis Vol. 57, no. 6 (2009), p. 13-18 ISSN: 12118516

2011 [1] DOUCEK, Petr Human capital in ICT - Competitiveness and innovation potential in ICT In: IDIMT-2011 : Interdisciplinarity in complex systems : 19th interdisciplinary information management talks : Jindřichův Hradec, Czech Republic, 7-9 Sep 2011 P. 11-21 ISBN: 978-3-85499-873-0

ADD002 [61187] **Various approaches to web information processing** / Kristína Machová, Peter Bednár, Marián Mach - 2007. In: Computing and Informatics. Roč. 26, č. 3 (2007), s. 301-327. - ISSN 1335-9150 Spôsob prístupu: <http://www.cai.sk/>.

[MACHOVÁ, Kristína - BEDNÁR, Peter - MACH, Marián]

**Ohlasy:**

2010 [1] VRANA, J., MACH, M. Ontology key concepts interpretation In: SAMI 2010 : 8th International Symposium on Applied Machine Intelligence and Informatics, Proceedings : 28. - 30. January 2010, Herľany P. 215-219 ISBN: 978-142446424-1

2009 [1] HAJAOUI, K., BOUCHER, X. Neural network based text mining to discover enterprise networks In: INCOM`09 : 13th IFAC Symposium on Information Control Problems in Manufacturing : Moscow, 3-5 June 2009 Vol. 13, no. 1 (2009), p. 852-857 ISSN: 1474-6670

2012 [2] ŠTOFA, J., PAĽOVÁ, D., PAVLÍK, M. Process modeling as a supporting tool for managing of the enterprise security In: IEEE 10th Jubilee International symposium on Applied Machine Intelligence and Informatics : Herľany, 2012 P. 63-67 ISBN: 978-1-4577-0195-5

2013 [1] ŠTOFA, J., MICHALIK, P. Conversational content in the context of safety of social networks In: IEEE 9th International Conference on Computational Cybernetics: ICC3 2013 P. 137-140 ISBN: 978-147990063-3

2014 [1] ADI, A.O., CELEBI, E. Classification of 20 news group with Naïve Bayes classifier In: SIU 2014 : 22nd Signal Processing and Communications Applications Conference : Trabzon, April 23-25, 2014 P. 2150-2153 ISBN: 978-147994874-1

2015 [1] BAÑAS, D., HAVRILOVÁ, C., PARALIČ, J. Combination of User Profile Information and Collaborative Filtering in Recommendations In: INES 2015 : IEEE 19th International Conference on Intelligent Engineering Systems P. 359-363 ISBN: 978-1-4673-7938-0

2017 [1] BOBKOV, Anatoly et al. An approach to web information processing In: Communications in Computer and Information Science volume 673 : PRIP 2017 : 13th International Conference on Pattern Recognition and Information Processing : Minsk, 3-5 October, 2017 P. 121-131 ISBN: 978-3-319-54220-1

2009 [1] NÁVRAT, P. et al.: Intelligent information processing in semantically enriched web. In: 18th International Symposium on Methodologies for Intelligent Systems (ISMIS 2009), Prague, SEP 14-17, 2009 : Foundations of intelligent systems, proceedings : Lecture notes in computer science. Vol. 5722 (2009), p. 331-340. ISBN 978-3-642-04124-2. ISSN 1867-8211.

2009 [2] NÁVRAT, P., PARALIČ, J.: Acquiring, organising and presenting information and knowledge on the web. In: Computing and informatics. Vol. 28, no. 4 (2009), p. 393-398. ISSN 1335-9150.

2009 [2] BARLA, M., TVAROŽEK, M., BIELIKOVÁ, M.: Rule-based user characteristics acquisition from logs with semantics for personalized web-based systems. In: Computing and informatics. Vol. 28, no. 4 (2009), p. 399-427. ISSN 1335-9150.

ADD003 [130687] **Data mining for fog prediction and low clouds detection** / Juraj Bartok ... [et al.] - 2012. In: Computing and Informatics. Roč. 31, č. 6+ (2012), s. 1441-1464. - ISSN 1335-9150

[BARTOK, Juraj - BABIČ, František - BEDNÁR, Peter - PARALIČ, Ján - KOVÁČ, Jozef - BARTOKOVÁ, Ivana - HLUCHÝ, Ladislav - GERA, Martin]

**Ohlasy:**

2015 [1] BUTKA, Peter, PÓCS, Jozef, PÓCSOVÁ, Jana Reduction of Concepts from Generalized One-Sided Concept Lattice Based on Subsets Quality Measure In: Advances in Intelligent Systems and Computing Vol. 314 (2015), p. 101-111 ISSN: 2194-5357

2014 [1] SUGUMAR, R., RENGARAJAN, A., JAYAKUMAR, C. A technique to stock market prediction using fuzzy clustering and artificial neural networks In: Computing and Informatics Vol. 33, no. 5 (2014), p. 992-1024 ISSN: 1335-9150

2017 [1] BUTKA, Peter et al. Two-step reduction of GOSCL based on subsets quality measure and stability index In: Advances in Intelligent Systems and Computing : MISSI 2017 : 10th International Conference on Multimedia and Network Information Systems : Wroclaw, 14-16 September, 2017 Vol. 506 (2017), p. 419-429 ISSN: 2194-5357 ISBN: 978-3-319-43982-2

2017 [1] LI, Huifang - LI, Yidong - DONG, Hairong A comprehensive learning-based model for power load forecasting in smart grid In: Computing and Informatics Vol. 36, no. 2 (2017), p. 470-492 ISSN: 1335-9150

2017 [1] SMATANA, M., BUTKA, P., CABALOVA, Z. Retrieval of important concepts from generalized one-sided concept lattice In: INES 2017 : 21st IEEE International Conference on Intelligent Engineering Systems, Proceedings: Cyprus, 20-23 October, 2017 Vol. 2017-January (2017), p.61-66 ISBN: 978-147997677-5

2018 [1] BUTKA, P., SMATANA, M., NOVOTNÁ, V. Interactive visualization of query results set from information retrieval using concept lattices In: Advances in Intelligent Systems and Computing : ISAT 2017 : 38th International Conference on Information Systems Architecture and Technology : Szklarska Poreba, 17-19 September, 2017 Vol. 655 (2018), p. 128-137 ISSN: 2194-5357 ISBN: 978-331967219-9

**ADE - Vedecské práce v zahraničných nekarentovaných časopisoch(16)**

ADE001 [29868] **A tool for support of the KDD process** / Jan Paralič, Peter Bednar - 2003. In: Journal of Information and Organizational Sciences. Vol. 27, no. 1 (2003), p. 15-27. - ISSN 0351-804 [PARALIČ, Ján - BEDNÁR, Peter]

**Ohlasy:**

2013 [1] GAŠPAR, V., MADARÁSZ, L. Purpose driven design of a KDD enabled application for experimental data analysis In: ICCS 2013 - IEEE 9th International Conference on Computational Cybernetics, Proceedings : 8-10 July 2013, Tihany; Hungary P. 257-260 ISBN: 978-147990063-3

ADE002 [50097] **A bagging method using decision threes in the role of base classifiers** / Kristína Machová, František Barčák, Peter Bednár - 2006. In: Acta Polytechnica Hungarica. Vol. 3, no. 2 (2006), p. 121-132. - ISSN 1785-8860

[MACHOVÁ, Kristína - BARČÁK, František - BEDNÁR, Peter]

**Ohlasy:**

2008 [1] VÝROSTKOVÁ, J., OCELÍKOVÁ, E., KLIMEŠOVÁ, D. Simple and composed classifiers used for classification of experimental data In: Conference on Human System Interaction : Krakow : 25-27 May 2008 P. 340-343 ISBN: 978-1-4244-1542-7

2009 [1] SUG, H. A structural sampling technique for better decision trees In: Proceeding of the 1st Asian Conference on Intelligent Information and Database Systems : ACIIDS 2009 : Dong Hoi : Apr 01-03, 2009 Vol. 1, no. (2009), p. 24-27 ISBN: 978-0-7695-3580-7

- 2011 [3] AZIZ, Abdul - AHMED, Natalia Construction of Single Classifier from Multiple Interim Classification Trees In: International Journal of Computer Science and Network Security Vol. 11, no. 5 (2011), p. 172-178 ISSN: 1738-7906
- 2014 [3] SHARMA, Mohita - FOTEDAR, Neha Software Effort Estimation with Data Mining Techniques- A Review In: International Journal of Engineering Sciences and Research Technology [online] No. 3 (2014), p. 1646-1653 ISSN: 2277-9655
- 2013 [1] JUREK, A. et al. A survey of commonly used ensemble-based classification techniques In: Knowledge Engineering Review Vol. 29, no. 5 (2013), p. 551-581 ISSN: 0269-8889
- 2014 [3] HSU, Kuo-Wei On Adjustment Functions for Weight-Adjusted Voting-Based Ensembles of Classifiers In: Journal of Computers Vol. 9, no. 7 (2014), p. 1547-1552 ISSN: 1796-203X
- 2014 [1] SITTIDECH, P., NAI-ARUN, N. Random forest analysis on diabetes complication data In: Proceedings of the IASTED International Conference on Biomedical Engineering, BioMed 2014 : Zurich, Switzerland, 23-25 June 2014 P. 315-320
- 2014 [1] ALSHDAIFAT, E., COENEN, F., DURES, K. A multi-path strategy for hierarchical ensemble classification In: Lecture Notes in Computer Science Vol. 8556 (2014), p. 198-212 ISSN: 0302-9743 ISBN: 978-331908978-2
- 2014 [3] PHADATARE, Manasi M., NANDGAONKAR, Sushma S. Uncertain Data Mining using Decision Tree and Bagging Technique In: International Journal of Computer Science and Information Technologies [online] Vol. 5, no. 3 (2014), p. 3069-3073 ISSN: 0975-9646
- 2014 [3] SHARMA, Mohita - FOTEDAR, Neha Software Effort Estimation with Data Mining Techniques - A Review In: International Journal of Engineering Sciences and Research Technology Vol. 3, no. 3 (2014), p. 1-8 ISSN: 2277-9655
- 2014 [3] HSU, Kuo-Wei On Adjustment Functions for Weight-Adjusted Voting-Based Ensembles of Classifiers In: Journal of Computers Vol. 9, no. 7 (2014), p. 1547-1552 ISSN: 1796-203X
- 2014 [3] GHNEMAT, Rawan - JASER, Edward Toward Mobile Telecommunication Recommendation System through Intelligent Customers Categorization In: International Journal of Computers and Technology Vol. 12, no. 7 (2014), p. 3651-3658 ISSN: 2277-3061
- 2015 [3] MUHAMMAD, Azam - MUHAMMAD, Aslam - PFEIFFER, K. P. Three Steps Strategy to Search for Optimum Classification Trees In: Communication in Statistics - Simulation and Computation Vol. 43, no. 9 (2015), p. 30-34 ISSN: 0361-0918
- 2015 [1] ADLY, F. et al. Randomized general regression network for identification of defect patterns in semiconductor wafer maps In: IEEE Transactions on Semiconductor Manufacturing Vol. 28, no. 2 (2015), p. 145-152 ISSN: 0894-6507
- 2015 [1] AMASYALI, M.F., BILGIN, M. Comparison of machine learning methods for the sequence labelling applications In: 2015 23rd Signal Processing and Communications Applications Conference, SIU 2015 : Istanbul, Turkey P. 503-506 ISBN: 978-146737386-9
- 2016 [1] AZAM, M., ASLAM, M., PFEIFFER, K.P. Three Steps Strategy to Search for Optimum Classification Trees In: Communications in Statistics Part B: Simulation and Computation Vol. 45, no. 2 (2016), p. 548-565 ISSN: 0361-0918
- 2015 [1] ADLY, F. et al. Simplified subspace regression network for identification of defect patterns in semiconductor wafer maps In: IEEE Transactions on Industrial Informatics Vol. 11, no. 6 (2015), p. 1267-1276 ISSN: 1551-3203

- 2015 [1] HUNG, L.P. et al. A review on the ensemble framework for sentiment analysis In: Advanced Science Letters Vol. 21, no. 10 (2015), p. 2957-2962 ISSN: 1936-6612
- 2017 [1] MOHEBIAN, M.R. et al. A Hybrid Computer-aided-diagnosis System for Prediction of Breast Cancer Recurrence (HPBCR) Using Optimized Ensemble Learning (Article) In: Computational and Structural Biotechnology Journal Vol. 15, no. 1 (2017), p. 75-85 ISSN: 2001-0370
- 2016 [1] NAFARI, R.H., NGO, T., MENDIS, P. An assessment of the effectiveness of tree-based models for multi-variate flood damage assessment in Australia In: Water (Switzerland) Vol. 8, no. 7 (2016), art.no. 282 ISSN: 2073-4441
- 2016 [1] RATNANINGSIH, D.J., SITANGGANG, I.S. Comparative analysis of classification methods in determining non-active student characteristics in Indonesia Open University In: Journal of Applied Statistics Vol. 43, no. 1 (2016), p. 87-97 ISSN: 0266-4763
- 2015 [3] SITTIDECH, P., NAI-ARUN, N., NABNEY, I.T. Bagging Model with Cost Sensitive Analysis on Diabetes Data In: Information Technology Journal Vol. 11, no. 1 (2015), p. 1-9 ISSN: 1685-8573
- 2014 [3] MALHOTRA, R., GUPTA, V., KHANNA, M. Applicability of Inter Project Validation for Determination of Change Prone Classes In: International Journal of Computer Applications Vol. 97, no. 8 (2014), p. 1-8 ISSN: 0975-8887
- 2016 [3] FAWZY, D., MOUSSA, S., BADR, N. The Evolution of Data Mining Techniques to Big Data Analytics: An Extensive Study with Application to Renewable Energy Data Analytics In: Asian Journal of Applied Sciences Vol. 4, no. 3 (2016), p. 1-11 ISSN: 1996– 3343
- 2016 [1] LUCAGBO, M.D.C. Comparison of ordinal logistic regression with tree-based methods in predicting socioeconomic classes in the Philippines In: Philippine Statistician Vol. 65, no. 1 (2016), p. 1-14 ISSN: 2094-0343
- 2016 [1] RAO, M. Nageswara - RAO, M. Venu Gopala A fusion technique to classify glaucoma from fundus images In: IIOAB Journal Vol. 7, no. 9 (2016), p. 812-824 ISSN: 0976-3104
- 2017 [1] ALSHDAIFAT, E., COENEN, F., DURES, K. A directed acyclic graph (DAG) ensemble classification model: An alternative architecture for hierarchical classification In: International Journal of Data Warehousing and Mining Vol. 13, no. 3 (2017), p. 73-90 ISSN: 1548-3924
- 2017 [1] JANIDARMAIN, M. et al. A comprehensive analysis on wearable acceleration sensors in human activity recognition In: Sensors Vol. 17, no. 3 (2017), art. no. 529 ISSN: 1424-8220
- 2017 [1] LEON, F., FLORIA, S.-A., BADICA, C. Evaluating the effect of voting methods on ensemble-based classification In: INISTA 2017 : IEEE International Conference on Innovations in Intelligent Systems and Applications : Gdynia, 3-5 July, 2017 P. 1-6 ISBN: 978-150905795-5
- 2017 [1] MUTHAMILSELVAN, T., BALUSAMY, B. Hybrid approach for data classification in e-health cloud In: International Journal of Intelligent Engineering and Systems Vol. 10, no. 3 (2017), p. 75-84 ISSN: 2185-310X
- 2016 [1] HIRWA, Jean Steve et al. Cloud-based Clusters: Multivariate Optimization Techniques for Resource Performance Prediction In: ISPDC 2016 : 15th International Symposium on Parallel and Distributed Computing : Fuzhou, 8-10 Jul, 2016 P. 165-171 ISSN: 2379-5352 ISBN: 978-1-5090-4152-7
- ADE003 [51933] **An improvement of the classification algorithm results** / Kristína Machová, Miroslav Puzšta and Peter Bednár - 2006.In: Teaching Mathematics and Computer Science. Vol. 4, no. 1 (2006), p. 131-142. - ISSN 1589-7389 Spôsob prístupu: <http://tmcs.math.klte.hu>.

[MACHOVÁ, Kristína - PUSZTA, Miroslav - BEDNÁR, Peter]

ADE004 [57469] **A comparison of the bagging and the boosting methods using the decision trees classifiers** / Kristína Machová ... [et al.] - 2006.In: Computer Science and Information Systems. Vol. 3, no. 2 (2006), p. 57-72. - ISSN 1820-0214 Spôsob prístupu: <http://comsis.fon.bg.ac.yu/>.

[MACHOVÁ, Kristína - PUSZTA, Miroslav - BARČÁK, František - BEDNÁR, Peter]

**Ohlasy:**

2012 [1] MAAZOUZI, F., BAHY, H. Using multi decision tree technique to improving decision tree classifier In: International Journal of Business Intelligence and Data Mining Vol. 7, no. 4 (2012), p. 274-287 ISSN: 1743-8187

2016 [1] NAWAHDA, Amin An assessment of adding value of traffic information and other attributes as part of its classifiers in a data mining tool set for predicting surface ozone levels In: Process Safety and Environmental Protection Vol. 99 (2016), p. 149-158 ISSN: 1957-5820

2017 [1] ROS, F., GUILLAUME, S. DIDES: a fast and effective sampling for clustering algorithm In: Knowledge and Information Systems Vol. 50, no. 2 (2017), p. 543-568 ISSN: 0219-1377

2016 [1] POTHARAJU, S.P., SREEDEVI, M. Ensembled rule based classification algorithms for predicting imbalanced kidney disease data In: Journal of Engineering Science and Technology Review Vol. 9, no. 5 (2016), p. 201-207 ISSN: 1791-9320

2015 [1] ALI, A., SHAMSUDDIN, S. M., RALESCU, A. L. Classification with class imbalance problem: A review In: International Journal of Advances in Soft Computing and its Applications Vol. 7, no. 3 (2015), p. 176-204 ISSN: 2074-8523

2016 [1] TAHA, El-Deen, L.G. Classifier ensemble for improving land cover classification In: International Journal of Circuits, Systems and Signal Processing Vol. 10 (2016), p. 346-353 ISSN: 1998-4464

2016 [1] SINGH, A., ANANDA KUMAR, S. Application of bagging and boosting for all the classification algorithms In: International Journal of Pharmacy and Technology Vol. 8, no. 3 (2016), p. 17669-17680 ISSN: 0975-766X

ADE005 [69424] **Generation of a set of key terms characterising text documents** / Kristína Machová, Andrea Szabóová, Peter Bednár - 2007.In: Journal of Information and Organizational Sciences. Vol. 31, no. 1 (2007), p. 101-113. - ISSN 1846-3312

[MACHOVÁ, Kristína - SZABÓOVÁ, Andrea - BEDNÁR, Peter]

**Ohlasy:**

2012 [2] ŠTOFA, J., PALOVÁ, D., PAVLÍK, M. Process modeling as a supporting tool for managing of the enterprise security In: IEEE 10th Jubilee International symposium on Applied Machine Intelligence and Informatics : Herľany, 2012 P. 63-67 ISBN: 978-1-4577-0195-5

2014 [1] ALGHAMDI, H., SELAMAT, A. The hybrid feature selection k-means method for Arabic webpage classification In: Jurnal Teknologi Vol. 70, no. 5 (2014), p. 73-79 ISSN: 0127-9696

ADE006 [80830] **Semantic integration of eGovernment services in Schleswig-Holstein** / Peter Bednar ... [et al.] - 2008.In: Lecture Notes in Computer Science. Vol. 5184 (2008), p. 315-327. - ISSN 0302-9743 Spôsob prístupu: <http://www.springerlink.com/content/12273m7th132w107/>.

[BEDNÁR, Peter - FURDÍK, Karol - KLEIMANN, Maren - KLISCHEWSKI, Ralf - SKOKAN, Marek - UKENA, Stefan]

ADE007 [88278] **Use of semantic principles in a collaborative system in order to support effective information retrieval** / František Babič ... [et al.] - 2009.In: Computational Collective Intelligence. Vol.

5796 (2009), p. 365-376. - ISBN 9783642044403 - ISSN 0302-9743  
[BABIČ, František - FURDÍK, Karol - PARALIČ, Ján - BEDNÁR, Peter - WAGNER, Jozef]  
**Ohlasy:**

2012 [1] NAVRAT, P. Cognitive traveling in digital space: from keyword search through exploratory information seeking In: Central European Journal of Computer Science Vol. 2, no. 3 (2012), p. 170-182  
ISSN: 2081-9935

ADE008 [101296] **Analytical framework for mirroring and reflection of user activities in e-Learning environment : Chapter 27** / František Babič ... [et al.] - 2010.In: Advances in Intelligent and Soft Computing : Advances in Multimedia and Network Information System Technologies. Vol. 80 (2010), p. 287-296. - ISSN 1867-5662  
[BABIČ, František - PARALIČ, Ján - BEDNÁR, Peter - RAČEK, Michal]  
**Ohlasy:**

2014 [1] BUTKA, Peter - POCSOVA, Jana - POCS, Jozef Bisection-based merging algorithm for creation of one-sided concept lattices In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 2014 S. 103-108 ISBN: 978-147993442-3

2014 [1] BUTKA, P., PÓCSOVA, J., PÓCS, J. GOSCL as facet-like structures In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : proceedings : January 23-25, 2014, Herľany, Slovakia P. 321-326 ISBN: 978-147993442-3

2014 [1] BUTKA, P., POCSOVA, J., POCS, J. Some results and algorithm for one-sided concept lattices with separable modifiers In: SACI 2014 - 9th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings : 15-17 May 2014, Timisoara, Romania P. 201-205 ISBN: 978-147994694-5

2017 [1] SMATANA, Miroslav - BUTKA, Peter Hierarchical topic modeling based on the combination of formal concept analysis and singular value decomposition In: Advances in Intelligent Systems and Computing : MISSI 2016 : 10th International Conference on Multimedia and Network Information Systems : Wroclaw, 14-16 September, 2016 Vol. 506 (2017), p. 357-368 ISSN: 2194-5357 ISBN: 978-3-319-43982-2

2017 [1] BUTKA, Peter - POCS, Jozef - POCSOVA, Jana Two-step reduction of GOSCL based on subsets quality measure and stability index In: Advances in Intelligent Systems and Computing volume 506 : MISSI 2016 : 10th International Conference on Multimedia and Network Information Systems : Poland, September 14-16, 2016 P. 419-429 ISBN: 978-3-319-43982-2

2017 [1] SMATANA, Miroslav - BUTKA, Peter - CABALOVA, Zuzana Retrieval of important concepts from generalized one-sided concept lattice In: INES 2017 : 21st IEEE International Conference on Intelligent Engineering Systems : 20-23 October, 2017 P. 61-66 ISSN: 1562-5850 ISBN: 978-1-4799-7677-5

2018 [1] BUTKA, P., SMATANA, M., NOVOTNÁ, V. Interactive visualization of query results set from information retrieval using concept lattices In: Advances in Intelligent Systems and Computing Vol. 655 (2018), p. 128-137 ISSN: 2194-5357

ADE009 [106335] **KP-lab system for the support of collaborative learning and working practices, based on triological learning** / Ján Paralič ... [et al.] - 2010.In: Informatica : an International Journal of Computing and Informatics. Vol. 34, no. 3 (2010), p. 341-351. - ISSN 0350-5596 Spôsob prístupu: <http://www.informatica.si/>.  
[PARALIČ, Ján - BABIČ, František - WAGNER, Jozef - BEDNÁR, Peter - PARALIČ, Marek]

ADE010 [161414] **Data Mining and Integration for Predicting Significant Meteorological Phenomena** / Juraj Bartok ... [et al.] - 2010.In: Procedia Computer Science. Vol. 1, no. 1 (2010), p. 37-46. - ISSN

1877-0509 Spôsob prístupu: [www.elsevier.com](http://www.elsevier.com).

[BARTOK, Juraj - HABALA, Ondrej - BEDNÁR, Peter - GAZAK, Martin - HLUCHÝ, Ladislav]

ADE011 [109165] **Integration of Government Services Using Semantic Technologies** / Ján Hreňo ... [et al.] - 2011. In: Journal of Theoretical and Applied Electronic Commerce Research. Vol. 6, no. 1 (2011), p. 143- 154. - ISSN 0718-1876 Spôsob prístupu: <http://www.jtaer.com/>.

[HREŇO, Ján - BEDNÁR, Peter - FURDÍK, Karol - SABOL, Tomáš]

**Ohlasy:**

2012 [1] KAMARUDDIN, L.A., SHEN, J., BEYDOUN, G. Evaluating usage of WSMO and OWL-S in semantic web services In: Conferences in Research and Practice in Information Technology Series: 8th Asia-Pacific Conference on Conceptual Modelling, APCCM 2012 : Melbourne, 31. January - 3. February 2012 Vol. 130 (2012), p. 53-58 ISSN: 1445-1336 ISBN: 978-192177011-1

2013 [1] MAIGRE, R. et al. A semantic method of automatic composition of E-government services In: Frontiers in Artificial Intelligence and Applications Vol. 249 (2013), p. 204-217 ISSN: 0922-6389 ISBN: 978-161499160-1

2012 [1] SCHOLL, H. J. et al. Process integration, information sharing, and system interoperability in government: A comparative case analysis In: Government Information Quarterly Vol. 29, no. 3 (2012), p. 313-323 ISSN: 0740-624X

2014 [1] FONOU-DOMBEU, J.V., PHIRI, N.M., HUISMAN, M. Persistent storage and query of E-government ontologies in relational databases In: Lecture Notes in Computer Science : EGOVIS 2014 : 3rd International Conference on Electronic Government and the Information Systems Perspective : Munich, September, 1-3, 2014 Vol. 8650 (2014), p. 118-132 ISSN: 0302-9743 ISBN: 978-331910177-4

ADE012 [112951] **Meteorological phenomena forecast using data mining prediction methods** / František Babič ...[et al.] - 2011. In: Lecture Notes in Computer Science : Computational Collective Intelligence. Vol. 6922, no. 1 (2011), p. 458-467. - ISBN 978-3-642-23934-2 - ISSN 0302-9743 [BABIČ, František - BEDNÁR, Peter - ALBERT, František - PARALIČ, Ján - BARTÓK, Juraj - HLUCHÝ, Ladislav]

**Ohlasy:**

2013 [1] BUTKA, P. et al. Multiple data tables processing via one-sided concept lattices In: Advances in Intelligent Systems and Computing Vol. 183 AISC (2013), p. 89-98 ISSN: 2194-5357 ISBN: 978-364232334-8

2012 [1] BUTKA, P. et al. On generation of one-sided concept lattices from restricted context In: 2012 IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics, SISY 2012 : 20. September - 22. September 2012, Subotica, Serbia P. 111-115 ISBN: 978-146734751-8

2013 [1] BUTKA, P., POCSOVA, J. Hybrid approach for visualization of documents clusters using GHSOM and sammon projection In: SACI 2013 - 8th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings : 23-25 May 2013, Timisoara, Romania P. 337-342 ISBN: 978-146736400-3

2013 [1] BUTKA, P., POCSOVA, J., POCS, J. Use of generalized one-sided FCA approach for joining of simple object-attribute models In: SACI 2013 - 8th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings : 23-25 May 2013, Timisoara, Rumunsko P. 331-336 ISBN: 978-146736400-3

2014 [1] PÓCS, J., PÓCSOVÁ, J. On the inverse problem for generalized one-sided concept lattices In: Informatica (Slovenia) Vol. 38, no. 2 (2014), p. 95-101 ISSN: 0350-5596

2014 [1] BUTKA, P., POCSOVA, J., POCS, J. Bisection-based merging algorithm for creation of

one-sided concept lattices In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : proceedings : January 23-25, 2014, Herľany, Slovakia P. 103-108 ISBN: 978-1-4799-3442-3

2014 [1] SARNOVSKY, M., VRONC, M. Distributed boosting algorithm for classification of text documents In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : proceedings : January 23-25, 2014, Herľany, Slovakia P. 217-220 ISBN: 978-1-4799-3442-3

2015 [1] BUTKA, P., POCSOVA, J., POCS, J. Experimental study on reduction of one-sided concept lattice based on subsets quality measure In: SACI 2015 : 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics : proceedings : Timisoara, May 21-23, 2015 P. 253-258 ISBN: 978-147999911-8

2014 [1] BEDNÁR, P., SARNOVSKÝ, M., Demko, V. RDF vs. NoSQL databases for the semantic web applications In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : January 23-25, 2014, Herľany, Slovakia P. 361-364 ISBN: 978-147993442-3

2016 [1] LEE, Jaedong - LEE, Jee-Hyong Constructing efficient regional hazardous weather prediction models through big data analysis In: International Journal of Fuzzy Logic and Intelligent Systems Vol. 16, no. 1 (2016), p. 1-12 ISSN: 1598-2645

ADE013 [114251] **Support of Semantic Interoperability in a Service-based Business Collaboration Platform** / Karol Furdík ... [et al.] - 2011.In: Scalable Computing : Practice and Experience : Scientific International Journal for Parallel and Distributed Computing. Vol. 12, no. 3 (2011), p. 293-305. - ISSN 1895-1767

[FURDÍK, Karol - BEDNÁR, Peter - LUKÁČ, Gabriel - FRITSCH, Christoph]

ADE014 [134099] **Integrated Platform of Different ICT Tools for Support of Collaborative Policy Modeling Approach in OCOPOMO** / Peter Bednár ... [et al.] - 2012.In: Scientific Bulletin of The Politechnica University of Timișoara, Romania: Transactions on Automation Control and Computer Science. - 2013 Vol. 57 (71), no. 3 (2012), p. 189-198. - ISSN 1224-600X

[BEDNÁR, Peter - BUTKA, Peter - MACH, Marián - FURDÍK, Karol - SMATANA, Peter]

ADE015 [134089] **Integrated Platform for Processing and Traceability of Information within Collaborative Policy Modelling Process in OCOPOMO** / Peter Bednár ... [et al.] - 2013.In: International Journal of Digital Content Technology and its Applications. Vol. 7, no. 8 (2013), p. 865-873. - ISSN 2233-9310 Spôsob prístupu: <http://www.aicit.org/jdcta>.

[BEDNÁR, Peter - BUTKA, Peter - MACH, Marián - FURDÍK, Karol - SABOL, Tomáš - SMATANA, Peter]

ADE016 [191941] **Big Data Processing and Analytics Platform Architecture for Process Industry Factories** / Martin Sarnovský, Peter Bednar, Miroslav Smatana - 2018.In: Big Data and Cognitive Computing. Vol. 2, no. 1 (2018), p. 3-15. - ISSN 2504-2289 Spôsob prístupu: <http://www.mdpi.com/2504-2289/2/1/3>.

[SARNOVSKÝ, Martin - BEDNÁR, Peter - SMATANA, Miroslav]

#### **ADF - Vedecké práce v domácich nekarentovaných časopisoch(6)**

ADF001 [71539] **Triological learning in practice** / František Babič ... [et al.] - 2008.In: Acta Electrotechnica et Informatica. Roč. 8, č. 1 (2008), s. 32-38. - ISSN 1335-8243

[BABIČ, František - BEDNÁR, Peter - FURDÍK, Karol - PARALIČ, Ján - PARALIČ, Marek - WAGNER, Jozef]

ADF002 [94821] **Design and evaluation of a web system supporting various text mining tasks for the purposes of education and research** / Karol Furdík ... [et al.] - 2010.In: Acta Electrotechnica et Informatica. Roč. 10, č. 1 (2010), s. 51-58. - ISSN 1335-8243

[FURDÍK, Karol - PARALIČ, Ján - BABIČ, František - BUTKA, Peter - BEDNÁR, Peter]

## Ohlasy:

2011 [4] NAVRAT, Pavol From keyword search towards exploratory information seeking and beyond In: INFORMATICS'2011 : proceedings of the Eleventh International Conference on Informatics : November 16-18, 2011, Rožňava, Slovakia S. 9-15 ISBN: 978-80-89284-94-8

2012 [1] NÁVRAT, P. Cognitive traveling in digital space: from keyword search through exploratory information seeking In: Central European Journal of Computer Science Vol. 2, no. 3 (2012), p. 170-182 ISSN: 2081-9935

2016 [1] SMATANA, M., BUTKA, P. Extraction of keyphrases from single document based on hierarchical concepts In: SAMI 2016 : IEEE 14th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 21-23 January, 2016 P. 93-98 ISBN: 978-146738740-8

2017 [1] SMATANA, Miroslav - BUTKA, Peter - CABALOVA, Zuzana Retrieval of important concepts from generalized one-sided concept lattice In: INES 2017 : 21st IEEE International Conference on Intelligent Engineering Systems : Lamaca, 20-23 October, 2017 P. 61-66 ISBN: 978-1-4799-7677-5

ADF003 [108544] **Java framework for managing semantic repositories based on RDF standard** / František Babič, Jozef Wagner, Peter Bednár - 2011. In: Acta Electrotechnica et Informatica. Roč. 11, č. 1 (2011), s. 33-37. - ISSN 1335-8243

[BABIČ, František - WAGNER, Jozef - BEDNÁR, Peter]

## Ohlasy:

2012 [3] PARALIČ, J. Business information systems - experiences from Slovakia In: CECIIS 2012 : proceedings of the 23rd Central European Conference on Information and Intelligent Systems : Varaždin, September 19-21, 2012 P. 3-8 ISSN: 1847-2001

2016 [1] SMATANA, M., BUTKA, P. Extraction of keyphrases from single document based on hierarchical concepts In: SAMI 2016 : IEEE 14th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 21-23 January, 2016 P. 93-98 ISBN: 978-146738740-8

2017 [1] SARNOVSKY, Martin - BUTKA, Peter - HUZVAROVA, Andrea Twitter data analysis and visualizations using the R language on top of the Hadoop platform In: SAMI 2017 - IEEE 15th International Symposium on Applied Machine Intelligence and Informatics : Herľany, January 26-28, 2017 P. 327-331 ISBN: 978-1-5090-5655-2

ADF004 [120648] **How to Develop Open Source Systems Expertise** / Marek Paralič, Peter Bednár - 2011. In: Acta Electrotechnica et Informatica. Roč. 11, č. 4 (2011), s. 36-40. - ISSN 1335-8243

[PARALIČ, Marek - BEDNÁR, Peter]

ADF005 [132510] **Semantic support for educational IT services** / Ján Paralič ... [et al.] - 2012. In: Acta Electrotechnica et Informatica. Roč. 12, č. 4 (2012), s. 39-46. - ISSN 1335-8243

[PARALIČ, Ján - FURDÍK, Karol - PARALIČ, Marek - BEDNÁR, Peter - BUTKA, Peter - WAGNER, Jozef]

## Ohlasy:

2016 [1] SMATANA, M., BUTKA, P. Extraction of keyphrases from single document based on hierarchical concepts In: SAMI 2016 : IEEE 14th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 21-23 January, 2016 P. 93-98 ISBN: 978-146738740-8

ADF006 [136845] **Integrované softvérové prostredie pre kolaboratívne modelovanie politik** / Peter Butka ... [et al.] - 2013. In: Transfer inovácií. Č. 26 (2013), s. 176-181. - ISSN 1337-7094 Spôsob prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/26-2013/pdf/176-181.pdf>.

[BUTKA, Peter - BEDNÁR, Peter - MACH, Marián - FURDÍK, Karol - SMATANA, Peter]

**AEC - Vedecské práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách(8)**

AEC001 [17395] **Knowledge discovery in texts supporting e-democracy** / Ján Paralič, Peter Bednár - 2002.In: INES 2002. - Zagreb : Faculty of Organization and Informatics University of Zagreb, 2002 S. 327-332. - ISBN 9536071177  
[PARALIČ, Ján - BEDNÁR, Peter]

**Ohlasy:**

2002 [4] MACHOVÁ, K.: Strojové určenie: princípy a algoritmy. Košice : Elfa, 2002. S. 66. ISBN 80-89066-51-8.

AEC002 [38513] **Multi-strategy learning of decision rules** / P. Bednár - 2002.In: Annals of DAAAM for 2002. - Vienna : DAAAM International Vienna, 2002 s. 29-30. - ISBN 3901509291  
[BEDNÁR, Peter]

AEC003 [25371] **KDD package** / Peter Bednár, Ján Paralič - 2003.In: Znalosti 2003. - Ostrava : VŠB-TU, 2003 S. 113-122. - ISBN 8024802295  
[BEDNÁR, Peter - PARALIČ, Ján]

AEC004 [29869] **Text mining for documents annotation and ontology support** / Jan Paralic, Peter Bednar - 2003.In: Intelligent Systems at the Service of Mankind. Volume 1. - [s.l.] : Ubooks, 2003 P. 237-247. - ISBN 3935798253  
[PARALIČ, Ján - BEDNÁR, Peter]

**Ohlasy:**

2011 [1] BHUJADE, V., JANWE, N.J. Knowledge discovery in text mining technique using association rules extraction In: Proceedings - 2011 International Conference on Computational Intelligence and Communication Systems, CICN 2011 : 7. - 9. October 2011, Gwalior P. 498-502 ISBN: 978-076954587-5

2014 [1] MAHMOOD, Sajid - SHAHBAZ, Muhammad - GUERGACHI, Aziz Negative and Positive Association Rules Mining from Text Using Frequent and Infrequent Itemsets In: Scientific World Journal Dostupné na internete:  
[http://apps.webofknowledge.com/full\\_record.do?product=WOSsearch\\_mode=CitedRefIndexqid=7SID=N1Z91OE1JZT5ZSUGiChpage=1doc=2](http://apps.webofknowledge.com/full_record.do?product=WOSsearch_mode=CitedRefIndexqid=7SID=N1Z91OE1JZT5ZSUGiChpage=1doc=2) ISSN: 1537-744X

2008 [1] APOSTOLOU, D., MENTZAS, G., ABECKER, A. Managing knowledge at multiple organizational levels using faceted ontologies In: Journal of Computer Information Systems Vol. 49, no. 2 (2008), p. 32-49 ISSN: 0887-4417

2017 [1] LIU, W., TSANG, I.W. Making decision trees feasible in ultrahigh feature and label dimensions In: Journal of Machine Learning Research Vol. 18 (2017), p. 1-36 ISSN: 1532-4435

2018 [1] JUSTICIA DE LA TORRE, C. et al. Text Mining: Techniques, Applications, and Challenges In: International Journal of Uncertainty Fuzziness and Knowledge-Based Systems Vol. 26, no. 4 (2018), p. 553-582 ISSN: 0218-4885

2017 [1] ALABBAS, Waleed et al. Classification of Colloquial Arabic Tweets in real-time to detect high-risk floods In: Social Media 2017 : international conference : London, Jun 19-20, 2017 ISBN: 978-1-5090-5057-4

2004 [3] MACHOVÁ, K.: An application of machine learning for Internet users. In: Emerging Solutions for Future Manufacturing Systems. Vienna, 2004. S. 459-466. ISBN 0-387-22828-4.

2005 [3] PRIEBE, Torsten - KOLTER, Jan - KISS, Christine: Semiautomatische Annotation von Textdokumenten mit semantischen Metadaten. In: Wirtschafts-informatik 2005. Heidelberg : Physica-Verlag, 2005. ISBN 3-7908-1574-8, s. 1309-1328.

2005 [3] PRIEBE, Torsten: Building integrative enterprise knowledge portals with semantic web technologies. Amsterdam 2005. ISBN 3-89838-492-6.

2007 [1] APOSTOLOU, D., ABECKER, A., MENTZAS, G.: Harmonising codification and socialisation in knowledge management. In: Knowledge Management Research and Practice. Vol. 5, no. 4 (2007), p. 271-285. ISSN 1477-8238.

2006 [1] MAHGOUB, H.: Mining association rules from unstructured documents. In: Proceedings of world academy of science, engineering and technology. Vol. 14 (2006), p. 167. ISSN 1307-6884.

2005 [1] KRISTINA, M.: An application of machine learning for internet users. In: Emerging solutions for future manufacturing systems. Book Series: International federation for information processing. Vol. 159 (2005), p. 459-466. ISSN 1571-5736.

AEC005 [38876] **Reduction techniques for instance based text categorization** / Peter Bednár, Tomáš Futej - 2004. In: Emerging solutions for future manufacturing systems. - Lisbon : New University, 2004 P. 475-480. - ISBN 0387228284  
[BEDNÁR, Peter - FUTEJ, Tomáš]

AEC006 [31725] **A boosting method in combination with decision trees** / Kristína Machová, Miroslav Puszta, Peter Bednár - 2005. In: SAMI 2005. - Budapest : Budapest Polytechnic, 2005 S. 151-162. - ISBN 9637154353  
[MACHOVÁ, Kristína - PUSZTA, Miroslav - BEDNÁR, Peter]

**Ohlasy:**

2008 [1] VÝROSTKOVÁ, J., OCELÍKOVÁ, E., KLIMEŠOVÁ, D. Simple and composed classifiers used for classification of experimental data In: Conference on Human System Interaction, HSI 2008 : Krakow : 25-27 May 2008 P. 340 - 343 ISBN: 978-1-4244-1542-7

2013 [1] ŠTOFA, J. et al. Concept definition for student profile forming In: IEEE 11th International Symposium on Applied Machine Intelligence and Informatics, Proceedings (SAMI 2013) : Herľany, January 31-February 2, 2013 P. 253-256 ISBN: 978-1-4673-5929-0

2006 [3] BEDNÁR, Peter: Aktívne učenie pre kategorizáciu textov. In: Znalosti 2006. Ostrava : VŠB-Tu, 2006. ISBN 80-248-1001-8, p. 159-166.

AEC007 [40754] **Information extraction from the web pages using machine learning methods** / Kristína Machová, Valentín Maták, Peter Bednár - 2005. In: Information and Intelligent Systems. - Varaždin : Faculty of Organization and Informatics Varaždin, 2005 P. 407-414. - ISBN 9536071258  
[MACHOVÁ, Kristína - MATÁK, Valentín - BEDNÁR, Peter]

**Ohlasy:**

2006 [1] KŘUPKA, J., OLEJ, V., OBRŠÁLOVÁ, I. Multiple criteria decision making in an environmental system In: WSEAS Transactions on Systems Vol. 5, no. 1 (2006), p. 148-155 ISSN: 1109-2777

2009 [3] OLEJ, V., OBRŠÁLOVÁ, I., KŘUPKA, J. Modelling of Selected Areas of Sustainable Development by Artificial Intelligence and Soft Computing In: Modelling of Selected Areas of Sustainable Development by Artificial Intelligence and Soft Computing P. 1-152 ISBN: 978-80-247-3167-4

2006 [3] KŘUPKA, J., OLEJ, V., OBRŠÁLOVÁ, I.: Multiple criteria decision making in an environmental system. In: Wseas transactions on systems 2006, vol. 5, issue 1, p. 148-155.

AEC008 [45603] **Information retrieval from web pages employing classification and clustering methods** / Kristína Machová, Valentín Maták, and Peter Bednár - 2006. In: Znalosti 2006. - Ostrava : VŠB - Technická univerzita, 2006 P. 191-198. - ISBN 8024810018  
[MACHOVÁ, Kristína - MATÁK, Valentín - BEDNÁR, Peter]

## **AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách(8)**

AED001 [108551] **Analýza množín textových dokumentov v distribuovaných prostrediach** / Martin Sarnovský, Peter Butka, Peter Bednár - 2011. - 1 elektronický optický disk (CD-ROM).In: Electrical Engineering and Informatics 2 : proceeding of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2011 S. 392-396. - ISBN 978-80-553-0611-7 [SARNOVSKÝ, Martin - BUTKA, Peter - BEDNÁR, Peter]

AED002 [172940] **Využitie platformy ROS pre lokalizáciu a mapovanie neznámeho priestoru** / Radovan Sivý ... [et al.] - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 831-834. - ISBN 978-80-553-2599-6 [SIVÝ, Radovan - BABIČ, František - BUTKA, Peter - BEDNÁR, Peter]

AED003 [172944] **Parsovanie závislostných gramatík** / Monika Staňková, Peter Bednár - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 505-507. - ISBN 978-80-553-2599-6 Spôsob prístupu: [http://eei.fei.tuke.sk/drupal/data/EEI\\_VII.pdf](http://eei.fei.tuke.sk/drupal/data/EEI_VII.pdf). [STAŇKOVÁ, Monika - BEDNÁR, Peter]

AED004 [172945] **Platforma pre analýzu prúdov dát** / Ema Nemčíková, Ján Paralič, Peter Bednár - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 508-512. - ISBN 978-80-553-2599-6 [NEMČÍKOVÁ, Ema - PARALIČ, Ján - BEDNÁR, Peter]

AED005 [172947] **Testovanie výkonnosti NoSQL databáz** / Katarína Janteková, Ján Paralič, Peter Bednár - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 687-691. - ISBN 978-80-553-2599-6 [JANTEKOVÁ, Katarína - PARALIČ, Ján - BEDNÁR, Peter]

AED006 [172948] **Testovanie výkonnosti grafových databáz** / Dominika Pásztorová, Peter Bednár - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 692-695. - ISBN 978-80-553-2599-6 [PÁSZTOROVÁ, Dominika - BEDNÁR, Peter]

AED007 [182748] **Cloud services for intelligent customer relationship management** / Peter Bednár, Henrieta Studničková - 2017.In: Electrical Engineering and Informatics 8 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2017 S. 532-536. - ISBN 978-80-553-3192-8 [BEDNÁR, Peter - STUDNIČKOVÁ, Henrieta]

AED008 [182749] **Návrh sociálnej platformy pre prezentovanie kultúrneho dedičstva** / Peter Bednár, Kamila Pracelová - 2017.In: Electrical Engineering and Informatics 8 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2017 S. 547-552. - ISBN 978-80-553-3192-8 [BEDNÁR, Peter - PRACELOVÁ, Kamila]

## **AFC - Publikované príspevky na zahraničných vedeckých konferenciách(26)**

AFC001 [37709] **Využitie kategorizácie textov pre linkovanie na ontológiu** / Peter Bednár, Slavomír Hudák - 2003.In: Znalosti 2003. - Ostrava : VŠB-Technická univerzita Ostrava, 2003 s. 291-296. - ISBN 8024802295

[BEDNÁR, Peter - HUDÁK, Slavomír]

AFC002 [32604] **Use of knowledge discovery techniques in evaluation of foreign direct investment survey** / Tomáš Sabol ... [et al.] - 2005. In: Znalosti 2005. - Ostrava : VŠB-TU Ostrava, 2005 P. 290-297. - ISBN 8024807556

[SABOL, Tomáš - HREŇO, Ján - BEDNÁR, Peter - BUTKA, Peter]

AFC003 [38438] **Java library for support of text mining and retrieval** / Peter Bednár, Peter Butka, Jan Paralič - 2005. In: Znalosti 2005 : 4. konferencia : Stará Lesná, február 2005. - Ostrava : VŠB-TU, 2005 S. 162-169. - ISBN 8024807556

[BEDNÁR, Peter - BUTKA, Peter - PARALIČ, Ján]

**Ohlasy:**

2010 [1] GHADERI, M. A. et al. A new approach for text feature selection based on OWA operator In: 5th International Symposium on Telecommunications : 4. - 6. december 2010, Tehran S. 579-583 ISBN: 978-142448183-5

2010 [3] GHADERI, Mohammed Ali - YAZDANI, Nasser - MOSHIRI, Behzad A model for increasing text classification effectiveness In: ICCCI 2010 : 2010 International Conference on Computer and Computational Intelligence : Nanning, 25-26 December 2010 P. 399-403 ISBN: 978-1-4244-8948-0

2007 [4] FURDÍK, Karol Prototype of a tool for classification of textual documents in eLearning environment In: 2nd Workshop on Intelligent and Knowledge oriented Technologies : proceedings : November 15-16, 2007, Košice, Slovakia S. 41-45 ISBN: 978-80-89284-10-8

2006 [4] LACLAVÍK, Michal et al. Dostupné zdroje a výzvy pre počítačové spracovanie informačných zdrojov v slovenskom jazyku In: WIKT 2006 : proceedings : 1st Workshop on Intelligent and Knowledge oriented Technologies : November 28-29, 2006, Bratislava, Slovakia S. 92-98 ISBN: 978-80-969202-5-9

2010 [4] BABIČ, František et al. Využitie JBowL knižnice pri riešení úloh dolovania znalostí z textov In: WIKT 2010 : proceedings : 5th Workshop on Intelligent and Knowledge oriented Technologies : November 11-12, 2010, Bratislava, Slovakia S. 88-91 ISBN: 978-80-970145-2-0

2007 [4] MACHOVÁ, Kristína - SZABOOVÁ, Andrea Statistical methods in key words generation from text documents In: SAMI 2007 : 5th Slovakian-Hungarian Joint Symposium on Applied Machine Intelligence and Informatics : proceedings : Poprada, Slovakia, January 25-26, 2007 S. 435-446 ISBN: 978-963-7154-56-0

2007 [3] SMRŽ, Pavel et al. Text Mining Services for Triological Learning In: Znalosti 2007 : Ostrava, únor 2007 P. 97-108 ISBN: 9788024812793

2012 [1] SARNOVSKY, M., KACUR, T. Cloud-based classification of text documents using the Gridgain platform In: SACI 2012 : 7th IEEE International Symposium on Applied Computational Intelligence and Informatics : Timisoara, Romania P. 241-245 ISBN: 978-146731011-6

2011 [3] GHADERI, M.A. et al. Customizing Feature Decision Fusion Model Using Information Gain, Chi-Square and Ordered Weighted Averaging for Text Classification In: International Journal of Information and Communication Technology (IJICT) Vol. 3, no. 2 (2011), p. 35-45 ISSN: 124-2382

2006 [1] JANCIÁK, I. - SARNOVSKY, M. - MIN TJOA, A. - BREZANY, P.: Distributed classification of textual documents on the grid. In: Lecture Notes in Computer Science. Vol. 4208, (2006), p. 710-718. ISSN 0302-9743.

2010 [3] BOOBATHIRAJ, R., GEETHA, J. Empirical Evaluation of Grid-Based Text Mining Tasks In: Ciit International Journal of Data Mining and Knowledge Engineering Vol. 2, no. 10 (2010), p. 315-320 ISSN: 0974-9683

AFC004 [41741] **Word sense disambiguation using Wordnet lexical database** / Peter Bednár, Martin Kolesár - 2005.In: WDA 2005. - Košice : Elfa Academic Press, 2005 S. 70-74. - ISBN 8080860157 [BEDNÁR, Peter - KOLESÁR, Martin]

AFC005 [42116] **Integrované textové a sémantické vyhľadávanie informácií** = Integrated full-text and semantic method for information retrieval / Peter Bednár, Vlastimil Pobjecký - 2005.In: DATAKON 2005. - Brno : PRINT, 2005 S. 385-388. - ISBN 8021038136 [BEDNÁR, Peter - POBJECKÝ, Vlastimil]

AFC006 [52862] **Aktívne učenie pre kategorizáciu textov** / Peter Bednár - 2006.In: Znalosti 2006. - Ostrava : VŠB-TU, 2006 P. 159-166. - ISBN 8024810018 [BEDNÁR, Peter]

AFC007 [52865] **Generation of a set of key terms characterising text documents** / Kristína Machová, Andrea Szabóová, Peter Bednár - 2006.In: IIS 2006. - Varaždin : Faculty of Organization and Informatics, University of Zagreb, 2006 P. 105-112. - ISBN 9536071274 [MACHOVÁ, Kristína - SZABÓOVÁ, Andrea - BEDNÁR, Peter]

AFC008 [60840] **Access-eGov personal assistant** / Peter Bednár, Ján Hreňo - 2006.In: Electronic Government. - Linz : Johannes Kepler Universität Linz, 2006 P. 279-282. - ISBN 3854879946 [BEDNÁR, Peter - HREŇO, Ján]

AFC009 [63704] **Framework for integration of e-Government services on a semantic basis** / Karol Furdík, Tomas Sabol, Peter Bednar - 2007.In: Electronic Government : 6. conference : Regensburg, 3.-6.9.2007. - Linz : TRAUNER Druck GmbH & Co KG, 2007 P. 71-78. - ISBN 9783854992554 [FURDÍK, Karol - SABOL, Tomáš - BEDNÁR, Peter]

**Ohlasy:**

2008 [1] KLISCHEWSKI, R., UKENA, S.: Test strategies for evaluation of semantic e-government applications. In: Electronic government : proceedings : 7th International Conference : Aug 31-Sep 05, 2008, Turin, Italy : Book Series: Lecture notes in computer science. Vol. 5184 (2008), p. 291-302. ISSN 0302-9743.

AFC010 [63746] **Execution and composition of government services** / Marian Mach, Peter Bednar, Jan Hreno - 2007.In: MeTTeG07. - Matelica : Halley Editrice, 2007 P. 139-153. - ISBN 9788875893002 [MACH, Marián - BEDNÁR, Peter - HREŇO, Ján]

**Ohlasy:**

2013 [1] GOY, A., et al. How semantic knowledge can enhance the access to PA online services In: 15th International Conference on Information Integration and Web-Based Applications and Services, iiWAS : Vienna, Austria P. 714-718 ISBN: 978-145032113-6

AFC011 [81770] **Access-eGov architecture** / Marek Skokan, Peter Bednár - 2007.In: Znalosti 2007. - Ostrava : VŠB-TU, 2007 P. 384-390. - ISBN 9788024812793 [SKOKAN, Marek - BEDNÁR, Peter]

AFC012 [78459] **Persistence API - a generic RDF persistence framework** / Jozef Wagner, František Babič, Peter Bednár - 2008.In: DATAKON 2008. - Brno : Zdeněk Novotný, 2008 P. 227-235. - ISBN 9788073550813 [WAGNER, Jozef - BABIČ, František - BEDNÁR, Peter]

AFC013 [78460] **Semantic integration of government services - the access-eGov approach** / Peter Bednár ... [et al.] - 2008.In: eChallenges e-2008 : konferencia : Štokholm, Švédsko : 22. - 24.10.2008. - Dublin : IIMC, 2008 P. 1-8. - ISBN 9781905824090 [BEDNÁR, Peter - FURDÍK, Karol - PARALIČ, Marek - SABOL, Tomáš - SKOKAN, Marek]

## Ohlasy:

2010 [1] SALHOFER, P., STADLHOFER, B. Knowledge-first web services an E-government example In: Proceeding of 6th International Conference on Networked Computing and Advanced Information Management : NCM 2010 : Seoul : 16. - 18.8.2010 No. (2010), p. 218-223 ISBN: 978-898867825-1

2011 [1] BARTALOS, P., BIELIKOVÁ, M. Composition and undesired web service execution effects In: Proceedings - 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2010 P. 549-552 ISBN: 978-076954324-6

2011 [1] HAAV, Hele-Mai A Practical Methodology for Development of a Network of e-Government Domain Ontologies In: Building the e-world ecosystem Vol. 353 (2011), p. 1-13 ISSN: 1868-4238 ISBN: 978-3-642-27260-8

2013 [1] MAIGRE, R. et al. A semantic method of automatic composition of E-government services In: Frontiers in Artificial Intelligence and Applications Vol. 249 (2013), p. 204-217 ISSN: 09226389 ISBN: 978-161499160-1

AFC014 [82592] **Use of task-based text-mining execution engine in support of knowledge creation processes** / Peter Butka, Peter Bednár, František Babič - 2009.In: Znalosti 2009. - Bratislava : STU, 2009 P. 289-292. - ISBN 9788022730150

[BUTKA, Peter - BEDNÁR, Peter - BABIČ, František]

## Ohlasy:

2012 [1] SARNOVSKY, M., KACUR, T. Cloud-based classification of text documents using the Gridgain platform In: SACI 2012 : 7th IEEE International Symposium on Applied Computational Intelligence and Informatics : Timisoara, Romania P. 241-245 ISBN: 978-146731011-6

2014 [1] SARNOVSKY, M, VRONC, M Distributed boosting algorithm for classification of text documents In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 2014 S. 217-220 ISBN: 978-147993442-3

2016 [1] SARNOVSKY, Martin - CARNOKA, Noema Distributed algorithm for text documents clustering based on k-means approach In: ISAT 2015 : Information Systems Architecture and Technology : Part 1 : Advances in Intelligent Systems and Computing : 36th International Conference on Information Systems Architecture and Technology : Karpacz, 20-22 September, 2015 Vol. 430 (2016), p. 165-174 ISSN: 2194-5357 ISBN: 978-3-319-28561-0

AFC015 [87395] **Support for forming temporal business alliances as networked enterprises** / Marián Mach, Peter Bednár, Karol Furdík - 2009.In: CECIIS 2009. - Varaždin : University of Zagreb, 2009 P. 179-186. - ISSN 1847-2001

[MACH, Marián - BEDNÁR, Peter - FURDÍK, Karol]

AFC016 [96683] **Design of a semantic service bus for networked enterprises** / Peter Bednár ... [et al.] - 2009.In: Ambient Intelligence Forum 2009 : adjunct proceedings of the 2nd international conference : 15th-17th September 2009, Hradec Králové, Czech Republic. - Hradec Králové : Gaudeamus, 2009 P. 5-15. - ISBN 978-80-7435-028-3

[BEDNÁR, Peter - FURDÍK, Karol - LUKÁČ, Gabriel - SABOL, Tomáš]

AFC017 [94364] **Integration of loosely-coupled software components with Semantic Service Bus** / Gabriel Lukac and Peter Bednar - 2010.In: Znalosti 2010 : 9. ročník konference : Jindřichův Hradec, 3.-5. února 2010 : sborník příspěvků. - Praha : Vysoká škola ekonomická v Praze, 2010 P. 231-234. - ISBN 978-80-245-1636-3

[LUKÁČ, Gabriel - BEDNÁR, Peter]

AFC018 [124518] **Design and integration of ICT tools for OCOPOMO policy modelling approach** / P.

Bednár ... [et al.] - 2012.In: SACI 2012 : 7th IEEE International Symposium on Applied Computational Intelligence and Informatics : proceedings : Timișoara, Romania, May 24-26, 2012. - Timișoara : IEEE, 2012 P. 53-58. - ISBN 978-1-4673-1014-7  
[BEDNÁR, Peter - BUTKA, Peter - FURDÍK, Karol - MACH, Marián - SMATANA, Peter]

AFC019 [126406] **Návrh a integrácia nástrojov IKT pre podporu kolaboratívneho procesu modelovania politik** / Peter Bednár ... [et al.] - 2012.In: Znalosti 2012 : Sborník příspěvků 11. ročníku konference : 14. - 16.10.2012, Mikulov. - Praha : MATFYZPRESS, 2012 P. 95-104. - ISBN 978-80-7378-220-7  
[BEDNÁR, Peter - BUTKA, Peter - FURDÍK, Karol - MACH, Marián - SMATANA, Peter]

AFC020 [135182] **Integrated OCOPOMO toolset for open collaboration in policy modelling** / Peter Bednár, Peter Smatana - 2013.In: SACI 2013 : IEEE 8th International Symposium on Applied Computational Intelligence and Informatics : proceedings : May 23-25, 2013, Timisoara, Romania. - Piscataway : IEEE, 2013 P. 221-225. - ISBN 978-1-4673-6400-3  
[BEDNÁR, Peter - SMATANA, Peter]

AFC021 [168991] **Analytical platform based on Jbowl library providing text-mining services in distributed environment** / Martin Sarnovský ... [et al.] - 2015.In: Lecture Notes in Computer Science : Information and Communication Technology. Vol. 9357 (2015), p. 310-319. - ISBN 978-3-319-24315-3 - ISSN 0302-9743  
[SARNOVSKÝ, Martin - BUTKA, Peter - BEDNÁR, Peter - BABIČ, František - PARALIČ, Ján]

AFC022 [181678] **Cross-language dependency parsing using part-of-speech patterns** / Peter Bednár - 2016.In: Text, Speech and Dialogue. - Berlin : Springer, 2016 Vol. 9924 (2016), p. 117-124. - ISBN 978-3-319-45509-9 - ISSN 0302-9743  
[BEDNÁR, Peter]

AFC023 [191370] **Data integration in scalable data analytics platform for process industries** / Martin Sarnovský, Peter Bednár, Miroslav Smatana - 2017.In: INES 2017. - Danvers : IEEE, 2017 P. 187-191. - ISBN 978-1-4799-7677-5  
[SARNOVSKÝ, Martin - BEDNÁR, Peter - SMATANA, Miroslav]

AFC024 [191371] **Projekt MONSOON – návrh platformy pre analýzu veľkých dát v priemysle** / Martin Sarnovský, Peter Bednár - 2017.In: Data a znalosti 2017. - Plzeň : Západočeská univerzita v Plzni, 2017 P. 93-97. - ISBN 978-80-261-0720-0  
[SARNOVSKÝ, Martin - BEDNÁR, Peter]

AFC025 [201634] **REBELION – odhaľovanie antisociálneho správania na Webe** / Pavol Navrat ... [et al.] - 2018.In: Data a Znalosti & WIKT 2018 : sborník konference. - Brno (Česko) : Vysoké učení technické v Brně, 2018 s. 65-69 [online]. - ISBN 978-80-214-5679-2 Spôsob prístupu:  
[http://daz2018.fit.vutbr.cz/DaZ\\_WIKT\\_2018\\_Sbornik.pdf](http://daz2018.fit.vutbr.cz/DaZ_WIKT_2018_Sbornik.pdf).

[NÁVRAT, Pavol - CHUDÁ, Daniela - BIELIKOVÁ, Mária - ŠIMKO, Marián - ŠIMKO, Jakub - SRBA, Ivan - KOMPAN, Michal - MÓRO, Jozef - MALKIN ONDIK, Irina - LACKO, Peter - MARTONOVÁ, Alena - MACHOVÁ, Kristína - PARALIČ, Ján - BUTKA, Peter - BEDNÁR, Peter - SARNOVSKÝ, Martin - MESÁROŠOVÁ, Barbora - BLAHO, Radoslav - SABOVÁ, Lucia]

AFC026 [201636] **Znalostné prístupy pre inteligentnú analýzu veľkých dát** / Ján Paralič ... [et al.] - 2018.In: Data a Znalosti & WIKT 2018 : sborník konference. - Brno (Česko) : Vysoké učení technické v Brně, 2018 s. 59-64 [online]. - ISBN 978-80-214-5679-2 Spôsob prístupu:  
[http://daz2018.fit.vutbr.cz/DaZ\\_WIKT\\_2018\\_Sbornik.pdf](http://daz2018.fit.vutbr.cz/DaZ_WIKT_2018_Sbornik.pdf).

[PARALIČ, Ján - BEDNÁR, Peter - MACHOVÁ, Kristína - BUTKA, Peter - BABIČ, František - SARNOVSKÝ, Martin - GAŠPAR, Vladimír]

**AFD - Publikované príspevky na domácich vedeckých konferenciách(35)**

AFD001 [37724] **Zhlukovanie textových dokumentov modifikovaným algoritmom GHSOM** / Peter Bednár, Peter Butka - 2004.In: ITAT 2003. - Košice : Prírodovedecká fakulta UPJŠ v Košiciach, 2004 s. 1-10. - ISBN 8070975644  
[BEDNÁR, Peter - BUTKA, Peter]

AFD002 [38398] **Feature space and instance reduction methods for text categorization** / Peter Bednár, Peter Butka - 2004.In: 4. Doktorandská konferencia a Študentská vedecká odborná súťaž TU v Košiciach Fakulty elektrotechniky a informatiky. - Košice : Technická univerzita v Košiciach, 2004 s. 15-16. - ISBN 8096839594  
[BEDNÁR, Peter - BUTKA, Peter]

AFD003 [38516] **JBOWL - java bag-of-words library** / Peter Bednár, Peter Butka - 2005.In: 5th PhD student conference and scientific and technical competition of students of Faculty of electrical engineering and informatics Technical university of Košice : 5. konferencia : Košice, 25.5.2005. - Košice : EQUILIBRIA, 2005 S. 19-20. - ISBN 8096922440  
[BEDNÁR, Peter - BUTKA, Peter]

**Ohlasy:**

2009 [4] SMATANA, Peter JBowl as a Framework for Locally Informed Methods for Text Classification In: 3rd Workshop on Intelligent and Knowledge Oriented Technologies : Smolenice S. 61-64 ISBN: 978-80-227-3027-3

2008 [4] SMATANA, Peter Locally Informed Methods for Text Classification In: WDA 2008 : Workshop on Data Analysis : proceedings of the 8th International Student Workshop : Dedinky, Slovakia, 2008 S. 13-18 ISBN: 978-80-89284-21-4

2014 [3] SARNOVSKÝ, M. Design and Implementation of the Cloud based Application for Text Mining Tasks In: Data Mining and Knowledge Engineering Vol. 6, no. 6 (2014), p. 261-264 ISSN: 0974-9578

2008 [4] DRENČÁK, Tomáš Semiautomatic workflow composition in grid environment In: WDA'2008 : Workshop on Data Analysis : proceedings of the 8th International student workshop : Dedinky, June 26-29, 2008 S. 71-75 ISBN: 978-80-89284-21-4

2013 [1] SARNOVSKÝ, M., ULBRÍK, Z. Cloud-based clustering of text documents using the GHSOM algorithm on the GridGain platform In: SACI 2013 : 8th IEEE International Symposium on Applied Computational Intelligence and Informatics : proceedings : Timisoara, May 23-25, 2013 P. 309-313 ISBN: 978-146736400-3

2014 [3] SARNOVSKÝ, Martin Design and implementation of Interactive visualization of GHSOM clustering algorithm for text mining tasks In: International Journal of Research in Information Technology Vol. 1, no. 7 (2014), p. 146-151 ISSN: 2001-5569

AFD004 [46069] **The role of the clustering in the field of information retrieval** / Kristína Machová, Valentín Maták, Peter Bednár - 2006.In: SAMI 2006 : 4. Slovakian-Hungarian Joint Symposium : Herľany, 20.-21.1.2006. - Budapest : Budapest Polytechnic, 2006 P. 483-489. - ISBN 9637154442  
[MACHOVÁ, Kristína - MATÁK, Valentín - BEDNÁR, Peter]

**Ohlasy:**

2006 [1] OLEJ, V., HÁJEK, P. Modelling municipal rating by unsupervised methods In: WSEAS Transactions on Systems Vol. 5, no. 7 (2006), p. 1679-1686 ISSN: 1109-2777

2008 [3] RUSSO, Vincenzo Clustering and classification in Information Retrieval: from standards techniques towards the state of the art : Technical Report TR-9-2008 - SoLCo Project [online] 32 p.

2011 [3] BHRAMARAMBA, R., RAO, Allam Appa - KUMAR, Vakula Vijay A Novel Approach to Clustering of Proteins In: International Journal on Computer Science and Engineering Vol. 3, no. 3

(2011), p. 1050-1056 ISSN: 0975-3397

2006 [3] OLEJ, Vladimír - HÁJEK, Petr: Modelling municipal rating by unsupervised methods. In: WSEAS Transactions on Systems. ISSN 1109-2777, 2006, vol. 5, iss. 7, p. 1679-1686.

AFD005 [52888] **Supporting semantic annotation of text documents with text mining techniques** / Torsten Priebe ... [et al.] - 2006.In: WDA 2006. - Košice : Equilibria, 2006 S. 55-65. - ISBN 8096922483 [PRIEBE, Torsten - KOTLER, Jan - HERRMANN, Dominik - BEDNÁR, Peter - PARALIČ, Ján]

AFD006 [60787] **Workflow based orchestration model for WSMO** / Peter Bednár, Ján Hreňo - 2007.In: 1st Workshop on Intelligent and Knowledge Oriented Technologies. - Bratislava : Institute of Informatics SAS, 2007 S. 74-75. - ISBN 9788096920259 [BEDNÁR, Peter - HREŇO, Ján]

AFD007 [60788] **RDF Suite - case study** / Peter Smatana, Peter Bednár - 2007.In: 1st Workshop on Intelligent and Knowledge Oriented Technologies. - Bratislava : Institute of Informatics SAS, 2007 S. 114-115. - ISBN 9788096920259 [SMATANA, Peter - BEDNÁR, Peter]

AFD008 [64338] **Outline of the access-eGov architecture** / Marek Skokan, Peter Bednár, Martin Tomášek - 2007.In: SAMI 2007. - [S.l. : s.n.], 2007 S. 245-254. - ISBN 9789637154560 [SKOKAN, Marek - BEDNÁR, Peter - TOMÁŠEK, Martin]

AFD009 [71541] **Semantic description of the data mining grid services** / Martin Sarnovský ... [et al.] - 2007.In: GCCP 2007. - Bratislava : Ústav informatiky SAV, 2007 S. 136-141. [SARNOVSKÝ, Martin - BEDNÁR, Peter - BABIČ, František - WAGNER, Jozef]

AFD010 [71565] **Semantic orchestration of services in e-Government** / Marek Skokan, Peter Bednár - 2008.In: Znalosti 2008. - Bratislava : STU, 2008 S. 215-223. - ISBN 9788022728270 [SKOKAN, Marek - BEDNÁR, Peter]

AFD011 [71569] **Web service modelling ontology (WSMO)** / Peter Bednár - 2008.In: 2nd Workshop on Intelligent and Knowledge oriented Technologies. - Košice : Centre for Information Technologies, 2008 S. 8-10. - ISBN 9788089284108 [BEDNÁR, Peter]

AFD012 [71584] **One approach to combination of FCA-based local conceptual models for text analysis Grid-based approach** / P. Butka, M. Sarnovsky, P. Bednar - 2008. - 1 elektronický optický disk (CD-ROM).In: SAMI 2008 : 6. international conference : Herľany, 21.-22.1.2008. - Budapest : Budapest Tech, 2008 S. 131-135. - ISBN 9781424421060 [BUTKA, Peter - SARNOVSKÝ, Martin - BEDNÁR, Peter]

**Ohlasy:**

2011 [4] NAVRAT, Pavol From keyword search towards exploratory information seeking and beyond In: INFORMATICS'2011 : Proceedings of the Eleventh International Conference on Informatics : November 16-18, 2011, Rožňava, Slovakia S. 9-15 ISBN: 978-80-89284-94-8

2012 [1] BABIČ, F., WAGNER, J., PARALIČ, J. Investigation of performed user activities in overall context with IT analytical framework In: Lecture Notes in Business Information Processing Vol. 117 (2012), p. 284-295 ISSN: 1865-1348

2011 [3] WAS, Jaroslaw, LUBAŠ, Robert, MYSLIVIEC, Wojciech The role of proxemics in pedestrian evacuation : Comaparison of simulations and experiments In: Emergency Evacuation of People from Buildings : international and technical conference : Warsaw, 2011 P. 378-384 ISBN: 978-83-61208-83-9

2012 [3] NAVRAT, P. Cognitive traveling in digital space: from keyword search through exploratory

information seeking In: Central European Journal of Computer Science Vol. 2, no. 3 (2012), p. 170-182  
ISSN: 2081-9935

2013 [1] PÓCSOVÁ, J. Note on formal contexts of generalized one-sided concept lattices In: Annales  
Mathematicae et Informaticae Vol. 42 (2013), p. 71-82 ISSN: 1787-5021

2014 [1] POELMANS, J., et al. Fuzzy and rough formal concept analysis: A survey In: International  
Journal of General Systems Vol. 43, no. 2 (2014), p. 105-134 ISSN: 0308-1079

2014 [1] PÓCS, J., PÓCSOVÁ, J. On the inverse problem for generalized one-sided concept lattices In:  
Informatica (Slovenia) Vol. 38, no. 2 (2014), p. 95-101 ISSN: 0350-5596

2010 [3] BOOBATHIRAJ, R., GEETHA, J. Empirical evaluation of grid-based text mining tasks In:  
International Journal of Data Mining and Knowledge Engineering Vol. 2, no. 10 (2010), p. 315-320 ISSN:  
0974-9578

2015 [1] PÓCS, J., PÓCSOVÁ, J. Basic theorem as representation of heterogeneous concept lattices In:  
Frontiers of Computer Science Vol. 9, no. 4 (2015), p. 636-642 ISSN: 2095-2228

AFD013 [71587] **Orchestration of public administration services with a use of semantic technologies** / Marek Skokan, Peter Bednár - 2008.In: SAMI 2008. - Budapest : Budapest Tech, 2008  
S. 209-212. - ISBN 9781424421060  
[SKOKAN, Marek - BEDNÁR, Peter]

AFD014 [78468] **Design and implementation of task-based middleware execution engine for JBOWL text-mining library** / Peter Butka, Peter Bednár - 2008.In: WDA 2008. - Košice : Equilibria,  
2008 S. 63-70. - ISBN 9788089284214  
[BUTKA, Peter - BEDNÁR, Peter]

AFD015 [82595] **Distributed task-based execution engine for support of text-mining processes** / P.  
Butka ... [et al.] - 2009.In: SAMI 2009. - Budapest : Budapest Tech, 2009 S. 29-34. - ISBN  
9781424438020  
[BUTKA, Peter - BEDNÁR, Peter - BABIČ, František - FURDÍK, Karol - PARALIČ, Ján]  
**Ohlasy:**

2014 [1] PÓCS, J., PÓCSOVÁ, J. On the inverse problem for generalized one-sided concept lattices In:  
Informatica (Slovenia) Vol. 38, no. 2 (2014), p. 95-101 ISSN: 0350-5596

AFD016 [82597] **Java RDF framework for knowledge repository** / Jozef Wagner, František Babič and  
Peter Bednar - 2009.In: SAMI 2009. - [S.l.] : IEEE, 2009 S. 99-102. - ISBN 9781424438020  
[WAGNER, Jozef - BABIČ, František - BEDNÁR, Peter]  
**Ohlasy:**

2011 [1] PAULHEIM, Heiko et al. Mapping Pragmatic Class Models to Reference Ontologies In: ICDE  
Conference 2011 : Proceedings of the 2011 IEEE 27th International Conference on Data Engineering :  
Hannover, 2011 P. 200-205 ISBN: 978-1-4244-9194-0

2011 [3] PAULHEIM, Heiko Ontology-based application integration In: Ontology-based application  
integration 267 p. ISBN: 978-1-4614-1429-2

2014 [3] PAULHEIM, Heiko, PROBST, Florian System and method of annotating class models In: US  
8701087 B2

AFD017 [83739] **Task-based execution engine for JBOWL** / Peter Bednár, Peter Butka - 2009.In:  
WIKT 2008 : 3. Workshop on Intelligent and Knowledge Oriented Technologies : 6.-7.11.2008,  
Smolenice. - Bratislava : STU, 2009 S. 65-68. - ISBN 9788022730273

[BEDNÁR, Peter - BUTKA, Peter]

**Ohlasy:**

2013 [1] SARNOVSKÝ, M., ULBRÍK, Z. Cloud-based clustering of text documents using the GHSOM algorithm on the GridGain platform In: SACI 2013 : IEEE 8th International Symposium on Applied Computational Intelligence and Informatics : proceedings : May 23-25, 2013, Timisoara, Romania P. 309-313 ISBN: 978-1-4673-6400-3

2016 [1] SARNOVSKY, Martin - CARNOKA, Noema Distributed algorithm for text documents clustering based on k-Means approach In: ISAT 2015 : 36th Information Systems Architecture and Technology : Advances in intelligent systems and computing : Karpacz, 20-22 September, 2015 Vol. 430 (2016), p. 165-174 ISBN: 978-3-319-28561-0

AFD018 [83744] **Monitorovanie toku služieb v prostredí GRID** / Martin Krajč, Peter Bednár, Tomáš Kasanický - 2009.In: WIKT 2008. - Bratislava : STU, 2009 S. 97-100. - ISBN 9788022730273 [KRAJČ, Martin - BEDNÁR, Peter - KASANICKÝ, Tomáš]

AFD019 [90515] **Predpovedné a detekčné metódy význačných a nebezpečných javov založené na dolovaní meteorologických dát** / Juraj Bartok ... [et al.] - 2009.In: WIKT 2009. - Košice : Equilibria, 2009 S. 76-82. - ISBN 9788089284429

[BARTOK, Juraj - BEDNÁR, Peter - GAŽÁK, Martin - HABALA, Ondrej - HLUCHÝ, Ladislav - LÚČNY, Andrej - PARALIČ, Ján]

AFD020 [90520] **Semantic enabled RESTful services** / Peter Bednár, Tomáš Kasanický - 2009.In: WIKT 2009. - Košice : Equilibria, 2009 S. 106-110. - ISBN 9788089284429

[BEDNÁR, Peter - KASANICKÝ, Tomáš]

AFD021 [94359] **Quality of semantic grid services** / Peter Bednár, Tomáš Kasanický - 2009.In: GCCP 2009 : 5th International Workshop on Grid Computing for Complex Problems : October 26-28, 2009, Bratislava, Slovakia. - Bratislava : ÚI SAV, 2009 S. 52-55. - ISBN 978-80-970145-1-3

[BEDNÁR, Peter - KASANICKÝ, Tomáš]

AFD022 [94361] **Prediction of significant meteorological phenomena using data mining** / Juraj Bartok ... [et al.] - 2009.In: GCCP 2009 : 5th International Workshop on Grid Computing for Complex Problems : October 26-28, 2009, Bratislava, Slovakia. - Bratislava : ÚI SAV, 2009 S. 56-62. - ISBN 978-80-970145-1-3

[BARTOK, Juraj - BEDNÁR, Peter - GAŽÁK, Martin - HABALA, Ondrej - HLUCHÝ, Ladislav - LÚČNY, Andrej - PARALIČ, Ján]

AFD023 [98687] **Semantic service bus as an integration platform for networked enterprises** / Peter Bednar, Karol Furdik, Gabriel Lukac - 2009.In: WIKT 2009 : 4th Workshop on Intelligent and Knowledge oriented Technologies : proceedings : November 12 - 13, 2009, Herľany, Slovakia. - Košice : Equilibria, 2009 S. 22-25. - ISBN 978-80-89284-42-9 Spôsob prístupu:

[http://web.tuke.sk/fei-cit/furdik/publik/wikt09\\_spike.pdf](http://web.tuke.sk/fei-cit/furdik/publik/wikt09_spike.pdf).

[BEDNÁR, Peter - FURDÍK, Karol - LUKÁČ, Gabriel]

AFD024 [98692] **Využitie knižnice Jbowl pri spracovaní prirodzeného jazyka** / Karol Furdík, Peter Bednár - 2009.In: VARIA 16 : Zborník materiálov zo 16. kolokvia mladých jazykovedcov : Častá-Papiernička 8.-10.11.2006. - Bratislava : Slovenská jazykovedná spoločnosť pri SAV, 2009 S. 122-131. - ISBN 80-89037-04-6

[FURDÍK, Karol - BEDNÁR, Peter]

AFD025 [105938] **Data minig for fog prediction** / Peter Bednár, František Albert - 2010.In: 5th Workshop on Intelligent and Knowledge Oriented Technologies : WIKT 2010 : proceedings : 11. - 12.11.2010, Bratislava. - Bratislava : Equilibria, 2010 S. 92-95. - ISBN 978-80-970145-2-0

[BEDNÁR, Peter - ALBERT, František]

AFD026 [107293] **Design and implementation of local data mining model for short-term fog prediction at the airport** / P. Bednár ... [et al.] - 2011. - 1 elektronický optický disk (CD-ROM).In: SAMI 2011 : 9th IEEE International Symposium on Applied Machine Intelligence and Informatics : proceedings : Smolenice, Slovakia, January 27-29, 2011. - Budapešť : IEEE, 2011 P. 349-353. - ISBN 978-1-4244-7428-8

[BEDNÁR, Peter - BABIČ, František - ALBERT, František - PARALIČ, Ján - BARTÓK, Juraj]

**Ohlasy:**

2014 [3] ABRAR, M., SIM, A., SHAH, D., et al. Weather prediction using classification In: Science International Vol. 26, no. 5 (2014), p. 2217-2223 ISSN: 1013-5316

2015 [1] ZHANG, K., LIU, J., CHAI, Y. et al. A method to optimize apriori algorithm for frequent items mining In: Proceedings - 2014 7th International Symposium on Computational Intelligence and Design, ISCID 2014 : Hangzhou, 13-14 December 2014 P. 71-75 ISBN: 978-147997005-6

AFD027 [116248] **Predikcia výskytu nízkej oblačnosti pomocou metód dolovania v dátach** / František Babič, Michal Džačko, Peter Bednár - 2011.In: WIKT 2011 : 6th Workshop on Intelligent and Knowledge oriented Technologies : proceedings : November 24-25, 2011, Herľany, Slovakia. - Košice : FEI TU, 2011 S. 115-120. - ISBN 978-80-89284-99-3

[BABIČ, František - DŽAČKO, Michal - BEDNÁR, Peter]

AFD028 [129867] **Integrované prostredie pre podporu kolaboratívneho procesu modelovania politik** / Peter Bednár ... [et al.] - 2012.In: WIKT 2012 : 7th Workshop on Intelligent and Knowledge Oriented Technologies : proceedings : November 22-23, 2012, Smolenice, Slovakia. - Bratislava : STU, 2012 S. 133-136. - ISBN 978-80-227-3812-5

[BEDNÁR, Peter - BUTKA, Peter - FURDÍK, Karol - MACH, Marián - SMATANA, Peter]

AFD029 [133793] **The design of ontologies and processes supporting selected educational IT services** / Ján Paralič ... [et al.] - 2013.In: SAMI 2013 : IEEE 11th International Symposium on Applied Machine Intelligence and Informatics : proceedings : January 31 - February 2, 2013, Herľany, Slovakia. - Budapest : IEEE, 2013 S. 175-180. - ISBN 978-1-4673-5926-9

[PARALIČ, Ján - FURDÍK, Karol - PARALIČ, Marek - BEDNÁR, Peter - BUTKA, Peter - WAGNER, Jozef]

AFD030 [144980] **RDF vs. NoSQL databases for the Semantic Web applications** / Peter Bednár, Martin Sarnovský, Viktor Demko - 2014.In: SAMI 2014 : IEEE 12th International Symposium on Applied Machine Intelligence and Informatics : proceedings : January 23-25, 2014, Herľany, Slovakia. - Danvers : IEEE, 2014 S. 361-364. - ISBN 978-1-4799-3441-6

[BEDNÁR, Peter - SARNOVSKÝ, Martin - DEMKO, Viktor]

**Ohlasy:**

2016 [1] GOYAL, Akansha et al. Cross platform (RDBMS to NoSQL) database validation tool using bloom filter In: ICRTIT 2016 : 5th International Conference on Recent Trends in Information Technology : Chennai, 8-9 April, 2016 ISSN: 978-14673-9802-2

2016 [1] SMATANA, M., BUTKA, P. Extraction of keyphrases from single document based on hierarchical concepts In: SAMI 2016 : IEEE 14th International Symposium on Applied Machine Intelligence and Informatics : Herľany, January 21-23, 2016 P. 93-98 ISBN: 978-146738740-8

2017 [1] BABIC, F, PUSZTOVA, L Analysis of users buying behaviour to improve the coupon marketing In: Lecture Notes in Business Information Processing : BIS 2017 : 20th International Conference on Business Information Systems : Poznan, 28-30 June, 2017 Vol. 303 (2017), p. 69-78 ISBN: 978-331969022-3

AFD031 [156078] **Modelovanie témy v prúde dát z mikrobloggerov** / Miroslav Smatana ... [et al.] - 2014.In: WIKT 2014 : 9th Workshop on Intelligent and Knowledge Oriented Technologies : zborník

príspevkov : November 20-21, 2014, Smolenice, Slovakia. - Bratislava : STU, 2014 S. 35-38. - ISBN 978-80-227-4267-2

[SMATANA, Miroslav - KONCZ, Peter - PARALIČ, Ján - BEDNÁR, Peter]

AFD032 [170005] **IT tools and services for analyses of different types of processes** / J. Paralič ... [et al.] - 2015.In: UVP Technikom. - Košice : Elfa, 2015 S. 27-31. - ISBN 978-80-8086-252-7

[PARALIČ, Ján - BABIČ, František - WAGNER, Jozef - TUTOKY, Gabriel - SARNOVSKÝ, Martin - GAŠPAR, Vladimír - BUTKA, Peter - BEDNÁR, Peter - PUHEIM, Michal - LUKÁČOVÁ, Alexandra - HAVRILOVÁ, Cecília - NYULÁSZIOVÁ, Miroslava - MIKULA, Martin - SMATANA, Miroslav]

AFD033 [171711] **Formalizovaná metodológia pre návrh Big Data aplikácií** / Peter Bednár - 2015.In: WIKT 2015. - Košice : TU, 2015 S. 10-12. - ISBN 978-80-553-2271-1

[BEDNÁR, Peter]

AFD034 [171709] **Unified parsing and information extraction language** / Peter Bednár - 2016.In: SAMI 2016. - Danvers : IEEE, 2016 S. 131-135. - ISBN 978-146738740-8

[BEDNÁR, Peter]

AFD035 [181696] **Vocabulary matching for information extraction language** / Peter Bednár - 2017.In: SAMI 2017. - Danvers : IEEE, 2017 S. 149-152. - ISBN 978-1-5090-5654-5

[BEDNÁR, Peter]

#### **AFL - Postery z domácich konferencií(1)**

AFL001 [32650] **Zlepšovanie výsledkov klasifikačných algoritmov metódou Boostingu** / Kristína Machová, Miroslav Puszta, Peter Bodnár - 2005.In: Znalosti 2005. - Ostrava : VŠB-TU, 2005 P. 81-84.

[MACHOVÁ, Kristína - PUSZTA, Miroslav - BEDNÁR, Peter]

#### **BAB - Odborné monografie vydané v domácich vydavateľstvách(1)**

BAB001 [152232] **Inovatívne mesto** / Peter Bednár ... [et al.] - 1. vyd. - Košice : TU - 2014. - 124 s.. - ISBN 978-80-553-1631-4.

[BEDNÁR, Peter - SABOL, Tomáš - TOMORI, Zoltán - HUDEC, Oto - SAMUELY, Peter - KMEŤ, Stanislav - PEKARČÍK, Pavol - KOBAN, Peter - VAITOVIČ, Boris - KOBAN, Juraj]

#### **BCI - Skriptá a učebné texty(1)**

BCI001 [184247] **Technológie spracovania veľkých dát** Návod na cvičenia/ Peter Bednár, Martin Sarnovský - 1. vyd - Košice : Technická univerzita - 2017. - 91 s.. - ISBN 978-80-553-2832-4.

[BEDNÁR, Peter - SARNOVSKÝ, Martin]

#### **BEF - Odborné práce v domácich nerecenzovaných zborníkoch (konferenčných aj nekonferenčných)(1)**

BEF002 [193812] **Analytické nástroje pre podporu rôznych typov procesov** / J. Paralič ... [et al.] - 2018.In: Univerzitné vedecké parky a Výskumné centrá ako akcelerátory technologického transferu a výskumnej spolupráce s praxou v SR. - Košice : TU, 2018 S. 28-33. - ISBN 978-80-8086-268-8

[PARALIČ, Ján - BUTKA, Peter - SARNOVSKÝ, Martin - BABIČ, František - BEDNÁR, Peter - GAŠPAR, Vladimír - NYULÁSZI, Ladislav - NYULÁSZIOVÁ, Miroslava - MIKULA, Martin - SMATANA, Miroslav - VADOVSKÝ, Michal - PELLA, Zuzana]

#### **FAI - Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) (1)**

FAI001 [49217] **WDA'2005, Workshop on data analysis** : Proceedings of the 6th Slovak-Austrian Student Workshop, Abaujszántó, Tokaj-region, Hungary, June 20-22, 2005 / Peter Bednár ... [et al.] -

Košice : ELFA Academic Press, - 2005. - 99 s. - ISBN 80-8086-015-7.  
[BEDNÁR, Peter - HORVÁTH, Tomáš - PARALIČ, Ján - RAUBER, Andreas]

#### **GAI - Výskumné štúdie a priebežné správy(4)**

GAI001 [0015898] **KDD techniques package - upgrade (SP7.2)** / Peter Bednár, Marek Hurbaľ, Ján Paralič - Košice : TU-FEI, - 2001. - 25 s..  
[BEDNÁR, Peter - HUBAL', Marek - PARALIČ, Ján]

GAI002 [0015900] **KDD techniques package (SP7)** / Peter Bednár, Marek Hurbaľ, Ján Paralič - Košice : TU-FEI, - 2001. - 63 s..  
[BEDNÁR, Peter - HUBAL', Marek - PARALIČ, Ján]

GAI003 [0015901] **KDD package evaluation (TR16)** / Peter Bednár, Marek Hurbaľ, Ján Paralič - Košice : TU-FEI, - 2001. - 39 s..  
[BEDNÁR, Peter - HUBAL', Marek - PARALIČ, Ján]

GAI004 [17426] **Information elicitation methodology : R8.2** / Peter Bednár, Ján Paralič - Košice : TU, - 2002. - 29 s..  
[BEDNÁR, Peter - PARALIČ, Ján]

#### **GHG - Práce zverejnené na internete(3)**

GHG001 [183022] **Access-eGov : Access to e.Government Services Employing Semantic Technologies D2.1 State of the art Report/ Jan Kolter ... [et al.]** - Regensburg : University of Regensburg - 2006. - 66 s.. Spôsob prístupu: [http://intersoft.sk/access-egov/uploads/delivs\\_D2.1.pdf](http://intersoft.sk/access-egov/uploads/delivs_D2.1.pdf).  
[KOLTER, Jan - DUERBECK, Stefan - MACH, Marián - BEDNÁR, Peter - HREŇO, Ján - SKOKAN, Marek]

##### **Ohlasy:**

2008 [1] HOFMAN, W. EGovernment interoperability with open standards In: ICE 2008 : IEEE International Technology Management Conference : Lisabon, June 23-28, 2008 Art. number 7462111 ISBN: 978-085358244-1

2008 [1] SROGA, M. Access-egov-personal assistant of public services In: IMCSIT 2008 : International Multiconference on Computer Science and Information Technology : Wisla, 20-22 October, 2008 Vol. 3, art. no. 4747276 (2008), p. 421-427 ISBN: 978-836081014-9

GHG002 [169289] **D 8.1 Manual of the methodology for process development and guide to policy modelling toolbox OCOPOMO\_D8.1\_v1/ Sabrina Scherer ... [et al.]** - Koblenz : University of Koblenz-Landau - 2013. - 61 p.. Spôsob prístupu: <http://www.ocopomo.eu/results/public-deliverables/d-8.1-manual-of-the-methodology-for-process-development-and->

[SCHERER, Sabrina - LOTZMANN, Ulf - WIMMER, Maria A - FURDIK, Karol - MACH, Marián - SABOL, Tomáš - BUTKA, Peter - BEDNÁR, Peter - MOSS, Scott - PINOTTI, Daniele - KACPRZYK, Marta - SMATANA, Peter - ROSZCZYNSKA-KURASINSKA, Magda]

##### **Ohlasy:**

2015 [1] SONNTAGBAUER, S. et al. The FUPOL policy lifecycle In: Public Affairs and Administration: Concepts, Methodologies, Tools, and Applications Vol. 1 (2015), p. 158-186 ISBN: 978-146668360-0

2014 [1] SONNTAGBAUER, S. et al. The FUPOL policy lifecycle In: Handbook of Research on Advanced ICT Integration for Governance and Policy Modeling P. 61-87 ISBN: 978-146666239-1

GHG003 [181698] **D4.2 system and user documentation** / Karol Furdik ... [et al.] - Koblenz : Universitat Koblenz-Landau - 2013. - 80 p.. Spôsob prístupu:

<http://www.ocopomo.eu/results/public-deliverables/d4.2-system-and-user-documentation/view>.

[FURDIK, Karol - SMATANA, Peter - BEDNÁR, Peter - BUTKA, Peter - LOTZMANN, Ulf - SCHERER, Sabrina - FURDIKOVA, Viera - SMATANA, Jan - HARTENFELS, Carsten]

**Ohlasy:**

2015 [1] SONNTAGBAUER, S. et al. The FUPOL policy lifecycle In: Public Affairs and Administration: Concepts, Methodologies, Tools, and Applications Vol. 1 (2015), p. 158-186 ISBN: 978-146668360-0

2014 [1] SONNTAGBAUER, S. et al. The FUPOL policy lifecycle In: Handbook of Research on Advanced ICT Integration for Governance and Policy Modeling P. 61-87 ISBN: 978-146666239-1

Ing. Peter Bednár, PhD. v. r.