

A new approach to the preparation of engineers of building energy efficiency

Kõiv, Teet-Andrus; Kallemets, Everyn; **Vares, Villu**; **Rebane, Merje** Latest Advances in Educational Technologies : proceedings of the 11th WSEAS International Conference on Education and Educational Technology (EDU '12) : Singapore City, Singapore, May 11-13, 2012 2012 / p. 144-147

An enhanced situational awareness of a mission for an autonomous vehicle by multirate control

Astrov, Igor; **Pedai, Andrus** Proceedings of the 5th WSEAS International Conference on Dynamical Systems and Control :

CONTROL'09 : La Laguna, Spain, July 1-3, 2009 2009 / p. 33-39

https://www.researchgate.net/publication/228809791_An_enhanced_situational_awareness_of_a_mission_for_an_autonomous_underwater_vehicle_by_multirate_control

Applying AI and incomplete solution principles to solve NP-hard problems in the real-time systems

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 807-811

https://www.researchgate.net/publication/242103446_Applying_AI_and_Incomplete_Solution_Principles_to_Solve_NP-hard_Problems_in_the_Real-Time_Systems

Artificial intelligence in the maximum clique finding problem applications

Kumlander, Deniss Proceedings of the WSEAS Conference : 7th WSEAS International Conference on Automation & Information (ICAI'06) : Cavtat, Croatia, June 13-15, 2006 2006 / p. 132-137

https://www.researchgate.net/publication/234778320_Artificial_intelligence_in_the_maximum_clique_finding_problem_applications

Autocorrelation function for a noisy fractional oscillator

Sauga, Ako; Mankin, Romi; Ainsaar, Ain Latest trends on systems. Volume 2 2010 / p. 585-589

Carbon dioxide levels in educational institutions

Hani, Allan; **Kõiv, Teet-Andrus**; **Mikola, Alo** Recent Researches in Energy & Environment : 6th IASME / WSEAS International Conference on Energy & Environment (EE '11), Cambridge, UK, February 23-25, 2011 2011 / p. 359-364 : ill

Collaborative software engineering of the life-critical systems

Kumlander, Deniss Proceedings of the WSEAS conference : 6th WSEAS International Conference on Software Engineering,

Parallel and Distributed Systems (SEPADS'07) : Corfu Island, Greece, February 16-19, 2007 2007 / p. 35-38 <http://www.wseas.us/e-library/conferences/2007corfu/papers/540-196.pdf>

Communication gaps and requirements uncertainties in the information systems design

Kumlander, Deniss Proceedings of the WSEAS Conference : The 6th WSEAS International Conference on Applied Informatics and Communications : Elounda, Crete, Greece, 18-20.08.2006 2006 / p. 400-405

<https://citeseerx.ist.psu.edu/viewdoc/download?sessionid=47EF002F94CE4D42B245976A485EDFED?doi=10.1.1.584.736&rep=rep1&type=pdf>

Comparing the best maximum clique finding algorithms, which are using heuristic vertex colouring

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 932-937 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=6a835c6002434a8e0985d850356794d9bc74879e>

Conformity analysis with structured query language

Liiv, Innar; **Kuusik, Rein**, inform.; **Võhandu, Leo** 6th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases : Corfu Island, Greece, February 16-19, 2007 2007 / p. 187-189

https://www.academia.edu/3807457/Conformity_analysis_with_structured_query_language

Control of liquid density to prevent abnormal pumping performance

Vodovozov, Valery; **Bakman, Ilja** Recent Advances in Environmental Science : ...7th WSEAS International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI'13),... : Lemesos, Cyprus, March 21-23, 2013 2013 / p. 217-222 : ill

Describing data table with best decision

Torim, Ants; **Kuusik, Rein**, inform. Proceedings of the 5th WSEAS International Conference on Simulation, Modeling and Optimization : Corfu, Greece, August 17-19, 2005 2005 / p. 152-157 : ill

Determination of electrical conductivity of metal plates using planar spiral coils

Kolyshkin, Andrei; **Kübarsepp, Toomas**; **Märtens, Olev**; **Pokatilov, Andrei** Recent Advances in Systems : proceedings of the 13th International Conference of Systems 2009 / p. 545-550

Development and manufacturing a selfshielding model

Pääsuke, Kaarel; **Voll, Hendrik** Latest Trends on Engineering Education : 7th WSEAS International Conference on Education and Educational Technologies : Corfu Island, Greece, July 22-24, 2010 2010 / p. 122-127 <http://www.wseas.us/e-library/conferences/2010/Corfu/EDUCATION/EDUCATION-19.pdf>

DHW design flow rates in educational and office buildings

Kõiv, Teet-Andrus; Hani, Allan; Toode, Alvar Recent Researches in Environmental and Geological Sciences : proceedings of the 7th WSEAS International Conference on ... [EE'12, CM'12, WHH'12, GES'12] : Greece, July 14-17, 2012 2012 / p. 330-335 : ill
<https://www.wseas.org/multimedia/journals/environment/2013/56-279.pdf>

Direct solar and diffuse daylight analysis for apartment buildings in urban planning

Voll, Hendrik; Kõiv, Teet-Andrus; Sergejeva, Monika Latest Trends on Urban Planning and Transportation : 3rd WSEAS International Conference on Urban Planning and Transportation (UPT 10) : Corfu Island, Greece, July 22-24, 2010 2010 / p. 48-52

Double temperature-enhanced occupancy of metastable states in fluctuating bistable potentials

Mankin, Romi; Soika, Erkki; Sauga, Ako Advanced Topics on Mathematical Biology and Ecology : Proceedings of the 4th WSEAS International Conference on Mathematical Biology and Ecology (MABE'08) 2008 / p. 24-28 https://www.researchgate.net/profile/Romi-Mankin/publication/228671228_Double_Temperature-enhanced_Occupancy_of_Metastable_States_in_Fluctuating_Bistable_Potentials/links/0f3175354bf484141b000000/Double-Temperature-enhanced-Occupancy-of-Metastable-States-in-Fluctuating-Bistable-Potentials.pdf

Energy efficiency regulations taking action in Estonia

Seinre, Erkki; Voll, Hendrik Selected Topics in Energy, Environment, Sustainable Development and Landscaping : 6th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '10), 3rd WSEAS International Conference on Landscape Architecture (LA '10) : Politehnica University of Timisoara, Romania, October 21-23, 2010 2010 / p. 211-215

Enhancing situational awareness through neural regulation of take-off and landing manoeuvres in unmanned helicopter

Astrov, Igor; Pedai, Andrus Recent advances in computational intelligence, man-machine systems and cybernetics : proceedings of the 7th WSEAS International Conference on Computational Intelligence, Man-machine Systems and Cybernetics (CIMMACS'08) : Cairo, Egypt, December 29-31, 2008 2008 / p. 29-34
https://www.researchgate.net/publication/228896465_Enhancing_situational_awareness_through_neural_regulation_of_take-off_and_landing_manoeuvres_in_unmanned_helicopter

Evaluation of dynamic simulation software's to meet the minimum requirements of energy efficiency in Estonia

Voll, Hendrik; Seinre, Erkki; Tark, Teet Application of Mathematics and Computer Engineering : American Conference on Applied Mathematics (AMERICAN-MATH '11) : 5th WSEAS International Conference on Computer Engineering and Application (CEA'11), Puerto Morelos, Mexico, January 29-31, 2011 2011 / p. 129-134 : ill
https://www.academia.edu/79515755/Evaluation_of_dynamic_simulation_softwares_to_meet_the_minimum_requirements_of_energy_efficiency_in_Estonia

Financial reporting in Estonia

Alver, Jaan; Alver, Lehte Harmonization of SME's Financial Reporting in Emerging CEE Countries 2011 / p. 71-103 : ill

Financial reporting in Latvia

Alver, Jaan; Alver, Lehte; Praulinš, Arturs Harmonization of SME's Financial Reporting in Emerging CEE Countries 2011 / p. 104-137 : ill

Fingerprint recognition for distorted image applications using three-rate hybrid Kohonen neural network

Astrov, Igor; Tatarly, Sergei; Tatarly, Svetlana; Rüstern, Ennu Mathematical Methods and Computational Techniques in Research and Education : 7th WSEAS International Conference on Wavelet Analysis and Multirate Systems (WAMUS'07) : Arcachon, France, October 13-15, 2007 2007 / p. 122-126 <https://dl.acm.org/doi/abs/10.5555/1974885.1974887>

Flight trajectory control of an eight-rotor UAV for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Recent Researches in System Science : proceedings of the 15th WSEAS International Conference on Systems (part of the 15th WSEAS CSCC Multiconference) : Corfu Island, Greece, July 14-16, 2011 2011 / p. 77-82
<http://www.wseas.us/e-library/conferences/2011/Corfu/SYSTEMS/SYSTEMS-10.pdf>

Improving the maximum-weight clique algorithm for the dense graphs

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 938-943

Indoor climate and energy efficiency of apartment and educational buildings in Estonia

Kõiv, Teet-Andrus Latest Trends on Engineering Mechanics, Structures, engineering Geology : proceedings of 3rd WSEAS International Conference on Engineering Mechanics, Structures Engineering Geology : Corfu Island, Greece, July 22-24, 2010 2010 / p. 196-199

Indoor climate in mechanically ventilated school building

Rebane, Merje; Tuulik, Taivo; Kõiv, Teet-Andrus Latest Advances in Systems Science and Computational Intelligence : [proceedings of the ICOSSE'12, CIMMACS'12, ISMAEHE'12, SCOPORO'12] : Singapore, May 11-13, 2012 2012 / p. 225-229 : ill

Key success factors in personnel motivating projects

Kumlander, Deniss Proceedings of the 7th WSEAS International Conference on Applied Informatics and Communication :

Vouliagmeni, Athens, Greece, August 24-26, 2007 2007 / p. 202-207 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=2c83feee792ef9407179ab85adb45075dcb33478>

Migration of software projects' goals and expectations

Kumlander, Deniss Proceedings of the WSEAS Conference : 5th WSEAS Int Conf. on Data networks, Communications and Computers : DNCOCO'06 2006 / p. 184-187 <https://dl.acm.org/doi/abs/10.5555/1974079.1974116>

A model-based adaptive control of turning maneuver for catamaran autonomous surface vessel

Astrov, Igor; Astrova, Irina WSEAS Transactions on Systems and Control 2024 / p. 135-142
<https://doi.org/10.37394/23203.2024.19.14> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of a carbon capture and storage system for the Latvian electricity sector

Gušča, Julija; Naroznova, Irina; Blumberga, Dagnija; **Volkova, Anna** Selected Topics in Energy, Environment, Sustainable Development and Landscaping : 6th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '10), 3rd WSEAS International Conference on Landscape Architecture (LA '10) : Politehnica University of Timisoara, Romania, October 21-23, 2010 2010 / p. 415-421
https://www.researchgate.net/publication/267962469_Modelling_of_a_carbon_capture_and_storage_system_for_the_Latvian_electricity_sector

Monitoring of the distribution network operation

Kilter, Jako; Meldorf, Mati Proceedings of 4th IASME/WSEAS International Conference on Energy & Environment (EE'09) : Cambridge, UK, February 24-26, 2009 2009 / p. 263-268

Motion control of X4-flyer for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Latest trends on systems : 14th WSEAS International Conference on Systems : Greece, July 22-24. Vol. 1 2010 / p. 123-128; ill https://www.researchgate.net/publication/228503868_Motion_control_of_X4-flyer_for_enhanced_situational_awareness

Multirate depth control of an AUV by neurocontroller for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Advances in Computational Intelligence, Man-Machine Systems and Cybernetics 2010 / p. 21-26; ill https://www.researchgate.net/publication/228917649_Multirate_depth_control_of_an_AUV_by_neurocontroller_for_enhanced_situational_awareness

On software design and development supporting requirements formulation

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 818-825 <https://dl.acm.org/doi/abs/10.5555/1981848.1982001>

Personnel motivating projects : reasons, implementation and risks

Kumlander, Deniss Proceedings of the WSEAS conference : 6th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems (SEPADS'07) : Corfu Island, Greece, February 16-19, 2007 2007 / p. 30-34
https://www.researchgate.net/publication/241772463_Personnel_motivating_projects_reasons_implementation_and_risks

Personnel motivating software reengineering

Kumlander, Deniss Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 826-830
https://www.researchgate.net/publication/252013585_Personnel_Motivating_Software_Reengineering

Professional qualification of accountants in Czech Republic and Estonia : are their certification schemes really different?

Strouhal, Jiri; **Kallaste, Kaidi** Selected Topics in Economy and Management Transformation. Volume II, 5th WSEAS International Conference on Economy and Management Transformation (EMT'10) : West University of Timisoara, October 24-26, 2010 2010 / p. 434-439
https://www.researchgate.net/publication/228824155_Accounting_professional_education_schemes_Case_of_Czech_Republic_and_Estonia

Self-organizing approach to graph vertex colouring in the applications of ad hoc networks

Kirt, Toomas; Võhandu, Leo Proceedings of the 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / ? p https://www.researchgate.net/publication/262353001_Self-organizing_approach_to_graph_vertex_colouring_in_the_applications_of_ad_hoc_networks

Simulation of two-rate neural network control for stochastic model of missile autopilot

Astrov, Igor; Tatarly, S.; Tatarly, S. Proceedings of the 6th WSEAS International Conference on Systems Theory and Scientific Computation : ISTASC'06 : Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20, 2006 2006 / p. 169-174
<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=33c1d222839a8b7ec32792cb70adc3812139332a>

Situational awareness based flight control of a four-rotor type UAV

Astrov, Igor; Pedai, Andrus Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS'11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011 2011 / p. 63-68
https://www.researchgate.net/profile/Andrus-Pedai/publication/228410099_Situational_awareness_based_flight_control_of_a_four-rotor_type_UAV/links/0a85e52e763a72405e000000/Situational-awareness-based-flight-control-of-a-four-rotor-type-UAV.pdf?origin=scientificContributions

Situational awareness based flight control of a three-rotor mini-aircraft

Astrov, Igor; Pedai, Andrus New aspects of automatic control, modelling and simulation 2010 / p. 71-76

https://www.researchgate.net/publication/228415532_Situational_awareness_based_flight_control_of_a_three-rotor_mini-aircraft

Sources of occupational stress in technical university academics

Teichmann, Mare; Ilvest, Jüri jr Latest Trends on Engineering Education : 7th WSEAS International Conference on Engineering Education (EDUCATION '10) : International Conference on Education and Educational Technologies : Corfu Island, Greece, July 22-24, 2010 2010 / p. 448-453 : ill

https://www.researchgate.net/publication/234783868_Sources_of_occupational_stress_in_technical_university_academics

Stochastic resonance in the case of a generalized langevin equation with a Mittag-Leffler friction kernel

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** Advances in Mathematical and Computational Methods : proceedings of the 12th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE'10) 2010 / p. 313-318

https://www.researchgate.net/publication/228633262_Stochastic_resonance_in_the_case_of_a_Generalized_Langevin_equation_with_a_Mittag-Leffler_friction_kernel

Supporting self-development in service oriented information systems

Roost, Mart; Rava, Karin; Veskioja, Tarmo Proceedings of the 7th WSEAS International Conference on Applied Informatics and Communications (AIC'07) : Vouliagmeni Beach, Athens, Greece, August 24-26, 2007 2007 / p. 52-57

https://www.researchgate.net/publication/229045998_Supporting_self-development_in_service_oriented_information_systems

The Eastern Baltic LNG terminal as a prospect to improve security of regional gas supply

Kõrbe Kaare, Kati; Koppel, Ott; Leppiman, Ando Recent Advances in Environment, Energy, Ecosystems and Development : proceedings of the 2013 International Conference on Environment, Energy, Ecosystems and Development (EEEAD 2013), Venice, Italy, September 28-30, 2013 2013 / p. 158-164

The effect of Estonian electricity production scenarios on CO2 and SO2 emissions in 2000-2030

Kuhi-Thalfeldt, Reeli; Kuhi-Thalfeldt, Aron; Valtin, Juhan Recent advances in electric power systems, high voltages, electric machines : proceedings of the 9th WSEAS/IASME International Conference on Electric Power Systems, High Voltages, Electric Machines (POWER'09) : Genova, Italy, October 17-19, 2009 2009 / p. 182-189

Towards dependable software : researching work-flow gaps in the distributed organisation

Kumlander, Deniss Proceedings of the 7th WSEAS International Conference on Applied Informatics and Communication : Vouliagmeni, Athens, Greece, August 24-26, 2007 2007 / p. 208-212 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=ea1ae0f0100c0d2aeae7ddf7a69e35b5947b2e55>

<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=ea1ae0f0100c0d2aeae7ddf7a69e35b5947b2e55>

Use of multi-criteria decision analysis for choosing an optimal location for a wood fuel based cogeneration plant : a case study in Estonia

Volkova, Anna; Latõšov, Eduard; Siirde, Andres Selected Topics in Energy, Environment, Sustainable Development and Landscaping : 6th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '10), 3rd WSEAS International Conference on Landscape Architecture (LA '10) : Politehnica University of Timisoara, Romania, October 21-23, 2010 2010 / p. 89-94 : ill

Vibrations of stepped plate strips with cracks

Lellep, Jaan; **Kägo, Esta** Mathematical models for engineering science 2010 / p. 244-249 : ill

https://www.researchgate.net/publication/262210037_Vibrations_of_stepped_plate_strips_with_cracks