

A new approach to build a low-level malicious fault list starting from high-level description and alternative graphs

Benso, A.; Prinetto, Paolo; Rebaudengo, M.; Sonza, M.; **Ubar, Raimund-Johannes** Proceedings IEEE European Design & Test Conference, Paris, March 17-20, 1997 1997 / p. 560-565 <https://ieeexplore.ieee.org/document/582417>

Accelerating transient fault injection campaigns by using Dynamic HDL Slicing

Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore 2019 / 7 p. : ill <https://doi.org/10.1109/NORCHIP.2019.8906932>

Active power losses in Estonian power transmission network

Ainsaar, Karin Maria; Ülavere, Eero; Tammoja, Heiki; Valtin, Juhan 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 112-117 : ill

Active redundancy in fault tolerance : A modular switch level solution with synchronous switching

Shirodkar, Aditya; Banavath, Satish Naik; **Chub, Andrii;** Mandrioli, Riccardo; Ricco, Mattia 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p <https://doi.org/10.1109/ICDCM63994.2025.11144667> [Conference at Scopus](#)

Adjustable self-healing methodology for accelerated functions in heterogeneous systems

Riazati, Mohammad; **Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan;** Sjodin, Mikael; Lisper, Bjorn 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / p. 638-645 <https://doi.org/10.1109/DSD51259.2020.00104>

An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology

Khan, Muhammad Amir; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants Machines 2024 / art. 495

<https://doi.org/10.3390/machines12070495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air-core coupled inductor based modular solid-state circuit breaker with reduced components for DC buildings

Pogulaguntla, Aditya; Dsa, Daniel; Yagna, Griddaluru Venkata; Banavath, Satish Naik; **Carvalho da Silva, Edivan Laercio; Chub, Andrii; Vinnikov, Dmitri** IEEE journal of emerging and selected topics in power electronics 2025 / p. 2988-2999

<https://doi.org/10.1109/JESTPE.2024.3485735>

An approach for verification assertions reuse in RTL test pattern generation

Jenihhin, Maksim; Raik, Jaan; Fujiwara, Hideo; **Ubar, Raimund-Johannes; Viilukas, Taavi** Digest of papers : IEEE 11th Workshop on RTL and High Level Testing : WRTL'10 : December 5-6, 2010, Shanghai, China 2010 / p. 107-110 : ill

Analysis of fault-tolerant operation capabilities of an isolated bidirectional current-source DC-DC converter

Blinov, Andrei; Kosenko, Roman; Chub, Andrii; Ivakhno, Volodymyr Energies 2019 / art. 3203, p. 14 : ill

<https://doi.org/10.3390/en12163203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analyzing the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach

Levron, Yoash; **Kaparin, Vadim; Belikov, Juri** 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 410-415 : ill <https://doi.org/10.1109/MED.2019.8798495>

An approach for verification assertions reuse 2 in RTL test pattern generation

Jenihhin, Maksim; Raik, Jaan; Ubar, Raimund-Johannes; Viilukas, Taavi; Fujiwara, Hideo Journal of Shanghai Normal University : Natural Sciences 2010 / p. 441-447 : ill

https://www.researchgate.net/publication/240613999_An_Approach_for_Verification_Assertions_Reuse_in_RTL_Test_Pattern_Generation

Approaches to extra-functional verification of security and reliability aspects in hardware designs = Riistvaraprojektide turva- ja töökindlusaspektide ekstrasfunktsionaalse verifitseerimise lähenemisviisid

Lai, Xinhui 2022 <https://doi.org/10.23658/taltech.29/2022> <https://digikogu.taltech.ee/et/Item/cff1aeb9-b0b2-49ce-b81a-bfb9dc25fd56> https://www.ester.ee/record=b5502807*est

Assessment and Enhancement of Hardware Reliability for Deep Neural Networks = Riistvara töökindluse hindamine ja täiustamine süvanärvivõrkude jaoks

Ahmadilivani, Mohammad Hasan 2025 https://www.ester.ee/record=b5739227*est <https://digikogu.taltech.ee/et/Item/652d50e3-773f-4de5-897d-86531feb0d56> <https://doi.org/10.23658/taltech.19/2025>

Assessment of electricity supply interruption costs under restricted time and information resources

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Proceedings of the 2006 IASME/WSEAS International Conference on Energy & Environmental Systems : Chalkida, Greece, May 8-10, 2006 2006 / p. 409-415 : ill

Assurance of synergy and competitive dependability at non-safety-critical mechatronic systems design

Tähemaa, Toivo 2002 http://www.ester.ee/record=b1685133*est

Assurance of synergy and competitive reliability at mechatronics systems design

Tähemaa, Toivo; Kaljas, Frid; Reedik, Vello Proceedings of the 2nd IFAC Conference on Mechatronics 2002 / p. 871-876

Autode ZIL-130 käigukastide ja vedavate sildade töökindluse uurimine

Pruusapuu, J.; Mäekask, Jaan XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 87 https://www.ester.ee/record=b2449987*est

Auvere elektrijaama remont kestab novembri keskpaigani

Krijukov, Aleksander [err.ee 2023 Auvere elektrijaama remont kestab novembri keskpaigani](https://www.err.ee/2023/auvere-elektrijaama-remont-kestab-novembri-keskpaigani) Ремонт Аувереской электростанции продлится до середины ноября [Auvere power plant repairs extended until mid-November](https://www.postimees.ee/2022/auvere-elektrijaama-tookindlus-sai-taas-loogi-pakun-lahenduse)

Auvere elektrijaama töökindlus sai taas löögi. Pakun lahenduse

Kuhi-Thalfeldt, Reeli [postimees.ee 2022 Auvere elektrijaama töökindlus sai taas löögi. Pakun lahenduse](https://www.postimees.ee/2022/auvere-elektrijaama-tookindlus-sai-taas-loogi-pakun-lahenduse)

Blanking performance and fatigue endurance of carbide composites

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina; Sergejev, Fjodor; Traksmäa, Rainer Proceedings of 10th International Conference and Exhibition of the European Ceramic Society : June 17-21, 2007, Berlin 2007 / [4] p

CAN - Controller Area Network

Nikiforov, Deniss A & A 2007 / 6, lk. 11-19 : ill https://artiklid.elnet.ee/record=b1021178*est

Combining fault analysis technologies for ISO26262 functional safety verification

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Hamdioui, Said; Sauer, Christian 2019 IEEE 28th Asian Test Symposium (ATS) : 10–13 December 2019, Kolkata, India : proceedings 2019 / p. 129–134 : ill <https://doi.org/10.1109/ATS47505.2019.00024>

Common-ground energy router structure with enhanced reliability and protection = Ühise nulljuhtmega suurendatud töökindluse ja kaitsega energiaruuter

Rahimpour, Saeed 2024 <https://doi.org/10.23658/taltech.45/2024> https://www.ester.ee/record=b5694226*est <https://digikogu.taltech.ee/et/Item/520b18fc-f0a8-4a08-ade8-d3b890d253ff>

Community battery sizing for distribution level RES hosting capacity improvement

Peterson, Kristjan; Shabbir, Noman; Astapov, Victor; Kütt, Lauri; Kamran, Daniel 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830871>

Comparative analysis of reliability for string and central inverter PV systems in accordance with the FMECA

Dumnic, Boris; **Liivik, Elizaveta**; Popadic, Bane; Blaabjerg, Frede; Milicevic, Dragan; Katic, Vladimir 2020 IEEE 11th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), 28 Sept.-1 Oct. 2020, Dubrovnik, Croatia 2020 / p. 591-596 <https://doi.org/10.1109/PEDG48541.2020.9244404>

Comparison of (N+1) redundancy and fault tolerance approaches in single-stage series-connected isolated MVAC to LVDC converters

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei; Bayhan, Sertac; **Vinnikov, Dmitri** 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 469-474 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247478>

Converter state-space model estimation using dynamic mode decomposition

Suskis, Pavels; Zakis, Janis; Suzdalenko, Alexander; Khang, Huynh Van; **Rassõlkin, Anton**; **Vaimann, Toomas**; Pomarnacki, Raimondas 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 5 l <https://doi.org/10.1109/ENERGYCON53164.2022.9830201>

Cost-efficient improvement of power system's reliability within limited funds

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830808>

CREDES Summer School : Dependable Systems Design : handouts

2011 http://www.ester.ee/record=b2891192*est

DeepVigor: Vulnerability Value RanGes and FactORs for DNNs' Reliability Assessment

Ahmadilivani, Mohammad Hasan; Taheri, Mahdi; Raik, Jaan; Daneshtalab, Masoud; Jenihhin, Maksim IEEE European Test Symposium (ETS) : Venice, Italy, 22-26 May 2023 : proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/ETS56758.2023.10174133>

Demonstration of mitigation measures and clarification of unclear grid code requirements : Deliverable D1.6 [Online resource]

Rüberg, S.; Sewdien, V.; Rueda Torres, J. L.; **Kilter, Jako** 2019 [Deliverable D1.6](https://www.ester.ee/record=b2891192*est)

Dependability improvements of NoC-based systems = Töökindluse parandamine kiipvõrkudel põhinevates süsteemides
Niazmand, Behrad 2018 <https://digi.lib.ttu.ee/ii/?9879> https://www.ester.ee/record=b4907650*est

Design and control for high reliability power electronics: state of the art and future trends

Alcaide, A. M.; Buticchi, Giampaolo; Chub, Andrii; Dalessandro, L. IEEE journal of emerging and selected topics in industrial electronics 2024 / p. 50-61 <https://doi.org/10.1109/JESTIE.2023.3287513>

Design issues of redundant protection and supervision system for the special purpose power converters [Electronic resource]

Vinnikov, Dmitri; Roasto, Indrek; Vodovozov, Valery International Conference on Renewable Energies and Power Quality : ICREPQ'09 : Valencia, Spain, 15th to 17th April 2009 / [6] p. [CD-ROM] <https://www.icrepq.com/ICREPQ%2709/356-vinnikov.pdf>

Determination of the most loaded bolt cross section in critical threaded joint

Strižak, Viktor; Penkov, Igor Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 29-33 : ill

Determining cost-efficient sequence of condition inspection based on estimated condition data

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863436>

Development of a Substation Risk-Based Asset Management Decision-Making Process in the Case of Insufficient Information = Alajaama riskipõhise varahalduse otsustusprotsessi arendamine ebapiisava sisendteabe tingimustes

Andreesen, Guido 2025 https://www.ester.ee/record=b5754736*est <https://digikogu.taltech.ee/et/Item/49e349b9-c62b-4a9e-af14-5c8408e54028> <https://doi.org/10.23658/taltech.52/2025>

Development of the theory and methods of complex optimisation of the control and operational reliability of the interconnections of power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; Terno, Olaf International Conference on Operational Research : Simulation and Optimisation in Business and Industry : May 17-20, 2006, Tallinn, Estonia 2006 / p. 178-182

Development of the theory and methods of the complex optimisation of the control and reliability of the interconnections of power systems (IPS) on the interstate level in free market conditions

Krumm, Lembit; Kurrel, Ü.; Terno, Olaf 5th International Conference on Optimal Research "Simulation and Optimization in Business and Industry" : May 17-20, 2006, Tallinn, Estonia : programme and abstracts 2006 / p. 31-32

Development of theory and methods of complex optimisation of control and operational reliability of interconnected power systems

Krumm, Lembit; Kurrel, Ü.; Terno, Olaf Oil shale 2007 / 2S, p. 377-388 https://kirj.ee/wp-content/plugins/kirj/pub/OS-2S-2007-377-388_20230314000936.pdf

Diagnostic software

Ubar, Raimund-Johannes Concise encyclopedia of software engineering 1993 / p. 101-105

Distributed generation - the new way for electrical networks

Leoste, Margus Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 19-24, 2004 2004 / p. 51-53 : ill

Doktoriväitekirjate vete puhtuse kaitseks : [Heino Möldri väitekirjast "Uuringute tsükkel asulate reoveepuhastuses aktiivmudaprotsessi efektiivsuse ja töökindluse suurendamiseks"]

Tehnika ja Tootmine 1993 / lk. 48

Dynamic Time Warping Technique for Condition Monitoring of High Voltage Circuit Breakers

Asefi, Sajjad; Kilter, Jako 2025 15th International Conference on Power, Energy, and Electrical Engineering (CPEEE) 2025 / p. 38-42 <https://doi.org/10.1109/CPEEE64598.2025.10987408>

ECS an endeavor towards providing similar cache reliability behavior in different programs

Ahmadilivani, Mohammad Hasan; Jahromi, Mohammad Moeini; Salehi, Mostafa E.; Kargar, Mona Microelectronics Reliability 2024 / art. 115295 <https://doi.org/10.1016/j.microrel.2023.115295> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti elektrivarustuse võit hoiab Vene energiakompanii : [akadeemik Anto Raukase väidetega]

Raukas, Anto; Mazur, Tanel; Berendson, Risto Eesti Päevaleht 2005 / 15. apr., lk. 4 : ill <https://epl.delfi.ee/artikkel/51008239/eesti-elektrivarustuse-votit-hoiab-vene-energiakompanii>

Efficient fault injection based on dynamic HDL slicing technique

Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line

Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece 2019 / p. 52-53 : ill
<https://doi.org/10.1109/IOLTS.2019.8854419>

Ehitiste ja rajatiste ohutuse, riski ja töökindlusega seonduvast
Õiger, Karl Ehituskaar 2004 / xlk. 24-27 : ill

Elaboration of tool for production process reliability evaluation in machinery industry
Kostina, Marina; Karaulova, Tatjana 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 263-268 : ill

Electric Power Quality and Supply Reliability : June 9-12, 1999, Sagadi, Estonia : conference proceedings
Järvik, Jaan; Vinnal, Toomas 1999 https://www.ester.ee/record=b1817525*est

Elektrikvaliteedi juubelikonverents Tallinnas
Järvik, Jaan Elektriala 2016 / lk. 12-14 : fot https://artiklid.elnet.ee/record=b2803320*est

Elektrisüsteemi stabiilsus
Meldorf, Mati; Kilter, Jako 2011 http://www.ester.ee/record=b2753320*est

Elektroonikaaparatuuri töökindluse arvutamine : metoodiline juhend
1977 https://www.ester.ee/record=b1266100*est

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling
He, Jinkui; Yang, Yongheng; Vinnikov, Dmitri Emerging converter topologies and control for grid connected photovoltaic systems 2021 / p. 323-338 : ill <https://doi.org/10.3390/books978-3-03943-910-2>

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling
He, Jinkui; Yang, Yongheng; Vinnikov, Dmitri Energies 2020 / art. 3355, 16 p. : ill <https://doi.org/10.3390/en13133355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing the aspect robustness score of the HAABSA++ model using adversarial training
Agha, Milad; Frasinca, Flavius; Zhu, Beilly; Robal, Tarmo Web Engineering : 25th International Conference, ICWE 2025, Delft, The Netherlands, June 30 – July 3, 2025 : Proceedings 2026 / p. 89-103 <https://doi.org/10.1007/978-3-031-97207-2>
https://link.springer.com/chapter/10.1007/978-3-031-97207-2_7

European digital finance
Aben, Janika; Etti, Paula Digital development of the European Union : an interdisciplinary perspective 2023 / p. 67-84
https://doi.org/10.1007/978-3-031-27312-4_5 https://www.ester.ee/record=b5557935*est

Evolution of design, use and strength calculations of screw threads and threaded joints
Strizak, Viktor; Penkov, Igor; Pappel, Toivo International Symposium on History of Machines and Mechanisms : proceedings HMM04 : [Cassio, Italy] 2004 / p. 243-257 : ill https://link.springer.com/chapter/10.1007/1-4020-2204-2_20

Experiences with dynamic PMU compliance testing using standard relay testing equipment [Electronic resource]
Kilter, Jako; Palu, Ivo; Almas, Muhammad Shoaib; Vanfretti, Luigi 2015 IEEE Power and Energy Society Innovative Smart Grid Technologies Conference (ISGT 2015) : 18-20 February 2015, Washington, DC, USA 2015 / [5] p. : ill. [USB]
<http://dx.doi.org/10.1109/ISGT.2015.7131833>

Experimental and numerical assessment of fracture initiation in laser-welded webcore sandwich panels
Kõrgesaar, Mihkel; Romanoff, Jani; Palokangas, Pekka Proceedings of the Eighth International Conference on Thin-Walled Structures, Lisbon, 24-27 July 2018 2018 / [17 p.]

Experimental testing of spray rails for the resistance reduction of planing crafts
Lakatoš, Mikloš; Sahk, Tarmo; Kaarna, R.; Tabri, Kristjan; Kõrgesaar, Mihkel; Andreasson, Henrik Trends in the analysis and design of marine structures : proceedings of the 7th International Conference on Marine Structures (MARSTRUCT 2019, Dubrovnik, Croatia, 6-8 May 2019) 2019 / p. 334–343 : ill <https://www.scc.ee/ee/?mdocs-file=2121> <https://doi.org/10.1201/9780429298875>

Exploration of Activation Fault Reliability in Quantized Systolic Array-Based DNN Accelerators
Taheri, Mahdi; Cherezova, Natalia; Ansari, Mohammad Saeed; Jenihhin, Maksim; Mahani, Ali; Daneshtalab, Masoud; Raik, Jaan Proceedings of the Twenty Fifth International Symposium on Quality Electronic Design : ISQED 2024 2024 / 8 p. : ill
<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10528372> <https://doi.org/10.1109/ISQED60706.2024.10528372> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Failure analysis of a spray polyurethane foam roofing system
Kalamees, Targo; Põldaru, Mattias; Ilomets, Simo; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Õiger, Karl Journal of building engineering 2020 / art. 101752, 9 p. : ill <https://doi.org/10.1016/j.job.2020.101752> [Journal metrics at Scopus](#) [Article at Scopus](#)

Failure prediction of power devices under reverse surge current conditions

Freidin, Boris; Velmre, Enn; Udal, Andres ISPSD'92 : Proceedings of the 4th International Symposium on Power Semiconductor Devices & Ics, Waseda University, Tokyo, Japan, 19-21 May 1992 1992 / p. 118-123 : ill <https://doi.org/10.1109/ISPSD.1992.991247>

Fault analysis and field experiences of central inverter based 2 MW PV plant

Dumnic, Boris; Liivik, Elizaveta; Milicevic, Dragan 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2281-2290 : ill <https://ieeexplore.ieee.org/document/8515423>

Fault diagnosis of additional vibration in Cartesian robot

Autso, Sjarhei 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 21-22 : ill https://www.ester.ee/record=b5504019*est

Fault diagnosis of the tooth belt transmission of Cartesian robot

Autso, Sjarhei; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Kudelina, Karolina; Huynh, Van Khang 2022 29th International Workshop on Electric Drives : Advances in Power Electronics for Electric Drives : IWED2022 : Moscow Power Engineering Institute, Moscow, Russia : 26th– 29th of January 2022 : Proceedings 2022 / 6 p
<https://doi.org/10.1109/IWED54598.2022.9722578>

Fault management techniques to enhance the reliability of power electronic converters : an overview

Rahimpour, Saeed; Husev, Oleksandr; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser; Tarzamni, Hadi IEEE Access 2023 / p. 13432-13446 <https://doi.org/10.1109/ACCESS.2023.3242918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fault tree generation from the process

Karaulova, Tatjana; Papstel, Jüri Annals of DAAAM for 2004 & proceedings of the 15th International DAAAM Symposium "Intelligent Manufacturing & Automation : Globalisation - Technology - Men - Nature" : 3-6th November 2004, Vienna, Austria 2004 / p. 199-200 : ill

A fault-resistant architecture for AES S-box architecture

Taheri, Mahdi; Sheikhpour, Saeideh; Ansari, Mohammad Saeed; Mahani, Ali Journal of Applied Research in Electrical Engineering 2021 / p. 86-92 <https://doi.org/10.22055/jaree.2021.36230.1020>

Fault-tolerant approach for photovoltaic module-level power electronic applications

Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr; Malinowski, Mariusz 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings 2020 / p. 438-444 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161599>

5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings

2006 http://www.ester.ee/record=b2184858*est

Framework of reliability estimation for manufacturing processes

Karaulova, Tatjana; Kostina, Marina; Sahno, Jevgeni Mechanika 2012 / p. 713-720 : ill
<https://mechanika.ktu.lt/index.php/Mech/article/view/3168>

From RTL liveness assertions to cost-effective hardware checkers

Hariharan, Ranganathan; Ghasempouri, Tara; Niazmand, Behrad; Raik, Jaan XXXIII Conference on Design of Circuits and Integrated Systems (DCIS) : proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/DCIS.2018.8681487>

Functional reliability of security systems

Varbola, Erki; Reedik, Vello Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 69-72 : ill

Gaasiarvestid : lisafunktsionaalsused = Gas meters : additional functionalities [Võrguteavik]

2014

GIGA: failure prediction of ESD protection devices

Freidin, Boris; Udal, Andres The Bug Exterminator : a monthly publication of Silvaco International 1992 / 11, p. 1-3

High-Level Combined Deterministic and Pseudo-exhaustive Test Generation for RISC Processors

Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan 2019 IEEE European Test Symposium (ETS) : ETS 2019, May 27-31, 2019, Baden-Baden, Germany : Proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/ETS.2019.8791526>

High-temperature liquid metal flowmeters of improved reliability

Kõiv, Ants-Kaspar; Mežburd, Volf; Reimal, Lembit International MHD Conference MHD-processes to Protection of Environment, Ukraine, 1992 : proceedings. Part 2 1992 / p. 161-165

Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings / Eesti Standardimis- ja Akrediteerimiskeskus
2021 https://www.ester.ee/record=b5449156*est

Häirekindel kodeerimine ja infoedastus

Madar, Urve Ringhääling 2003 : X rahvusvahelise telekommunikatsioonipäeva materjalid 2003 / lk. 68-78 : ill

IEEE European Test Symposium (ETS)

Eggersgluss, Stephan; Hamdioui, Said; **Jutman, Artur**; Michael, Maria K.; **Raik, Jaan** 2019 IEEE International Test Conference (ITC) 2019 / 4 p <https://doi.org/10.1109/ITC44170.2019.9000148> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Implementation and benchmarking of a novel routing protocol for tactical mobile ad-hoc networks

Ben Arbia, Dhafer; **Alam, Muhammad Mahtab**; Kadri, Abdullah; Attia, Rabah; Ben Hamida, Elyes 2016 IEEE 12th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob) : 17-19 October 2016, New York, NY, USA 2016 / p. 118-125 : ill <https://doi.org/10.1109/WIMOB.2016.7763188>

Improvement of voltage transformers overvoltage problems in MV networks

Janson, Kuno; Järvik, Jaan; Kütt, Lauri; Soosalu, Ain 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 247-250 : ill

Improving the confidence level in functional safety simulation tools for ISO 26262

Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sauer, Christian 2018 Design and Verification Conference (DVCON) Europe : [proceedings] 2018 / 6 p. : ill <https://dvcon-proceedings.org/document/improving-the-confidence-level-in-functional-safety-simulation-tools-for-iso-26262/> <https://zenodo.org/record/3361607#.Y0PHFnZByHs>

In-field detection of degradation on PCB assembly high-speed buses

Odintsov, Sergei IEEE AUTOTESTCON 2018 : National Harbor, September 17-20, 2018 : proceedings 2018 / 6 p.: ill <https://doi.org/10.1109/AUTEST.2018.8532547>

Influence of scheme of threaded joints on stress concentration

Arjassov, Gennadi; Strizak, Viktor; Zverkov, Aleksei Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 38-40 : ill

Influence of sintering techniques on performance characteristics of TiC-based cermet

Tšinjan, Aleksei; Klaasen, Heinrich; Kübarsepp, Jakob; Annuka, Harri 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 26

Influence of sintering techniques on the performance characteristics of steel-bonded TiC-based cermets

Tšinjan, Aleksei; Klaasen, Heinrich; Kübarsepp, Jakob; Annuka, Harri Estonian journal of engineering 2009 / 4, p. 283-292 : ill https://www.researchgate.net/publication/237428192_Influence_of_sintering_techniques_on_the_performance_characteristics_of_steel-bonded_TiC-based_cermets

Influence of system protection to Estonian power system security

Kilter, Jako; Reinson, Andrus; Kraav, Rein PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 23-28 : ill

Influence of variability on a reliable production process

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd October 2010, Zadar, Croatia 2010 / p. 329-330 : ill <https://www.semanticscholar.org/paper/INFLUENCE-OF-VARIABILITY-ON-A-RELIABLE-PRODUCTION/535ad081c795a15397ec3e9877d0a83f9ff2fa6d>

Influence of variable energy flow to power characteristics

Beldjajev, Viktor; Lehtla, Tõnu; Mölder, Heigo 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 29-32 : ill

Infotehnoloogia. Sõnastik. Osa 14, Töökindlus, hooldatavus ja käideldavus

Hanson, Vello; Tavast, Arvi; **Kalja, Ahto; Vöhandu, Leo** 1999 https://www.ester.ee/record=b1323632*est

Integration of Wide Area Monitoring technology and enhancement of power system reliability in Baltic power system

Kilter, Jako; Reinson, Andrus 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 41-46 : map

Intelligent condition monitoring methods for electrical machines and drive systems

Kudelina, Karolina 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 / p. 35-36 : ill https://www.ester.ee/record=b5457278*est

Intelligent contingency overload-avoiding control of BESS for renewable-rich local area

Gonzalez-Longatt, Francisco; Abdellah, Kouzou; **Astapov, Victor**; Olivo, Franklin; Rueda, Jose Luis; Palensky, Peter; Chamorro, Harold R. 19th International Multi-Conference on Systems, Signals & Devices (SSD) 2022 / p. 1638-1643
<https://doi.org/10.1109/SSD54932.2022.9955825>

Intelligent signal processing for improved measurement reliability

Ruban, Olga 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 / p. 177-181 : ill

Interaction between point defects, extended defects and impurities in the Si-SiO₂ system during the process of its formation

Kropman, Daniel; Kärner, T.; Abru, Uno; Ugaste, Ülo; **Mellikov, Enn** Thin solid films 2004 / 1/2, p. 53-57 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0921510704003459>

Interaction between point defects, extended defects and impurities in the Si-SiO₂ system during the process of its formation

Kropman, Daniel; Kärner, T.; Abru, Uno; Ugaste, Ülo; **Mellikov, Enn**; **Kauk, Marit** Materials science and engineering : B 2004 / p. 295-298 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0921510704003459>

Interference-aware radio resource allocation for 5G ultra-reliable low-latency communication

Malik, Hassan; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Ni, Qiang 2018 IEEE Globecom Workshops (GC Wkshps) : proceedings 2018 / p. <https://doi.org/10.1109/GLOCOMW.2018.8644301>

Inverse methods for computational simulations and optimization of erosion models in power plants : a numerical-surfactant nonlinear optimization of modelling

Casesnoves, Francisco; **Surženkov, Andrei** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTU CON) : proceedings : Latvia, Riga, 12-13 October, 2017 / [8] p. : ill
<http://dx.doi.org/10.1109/RTU CON.2017.8125630>

Jumalaga, kolmemootorilised!

Luczkowski, Teodor Tehnika 1996 / 2, lk. 28-30: ill

Kelle süül tekkis praaktoode või -teenus, kes vastutab ja kuidas?

Güldenkoh, Maret palgauudised.ee 2024 [Kelle süül tekkis praaktoode või -teenus, kes vastutab ja kuidas?](#)

Kuhu kadus ise tegemise lihtsus: miks peab moodsa auto isegi lambipirni vahetamiseks töökotta viima?

[Võrguväljaanne]

Rajasaar, Veli forte.delfi.ee 2021 ["Kuhu kadus ise tegemise lihtsus: miks peab moodsa auto isegi lambipirni vahetamiseks töökotta viima?"](#)

Kuidas teha peedist pesumasinale trumlit? Auvere elektrijaam neelab veel miljoneid ega hakka niipea normaalselt tööle!

Niitra, Nils ohtuleht.ee 2023 / lk. 4-5 [Kuidas teha peedist pesumasinale trumlit? Auvere elektrijaam neelab veel miljoneid ega hakka niipea normaalselt tööle!](#)

Laboratory framework TEAM for investigating the dependability issues of microprocessor systems

Jasnetski, Artjom; **Tšertov, Anton**; **Ubar, Raimund-Johannes**; **Kruus, Helena** 10th European Workshop on Microelectronics Education : EWME 2014 : May 14-16, 2014, Tallinn, Estonia 2014 / p. 80-83 : ill

LightGBM-based fault diagnosis of rotating machinery under changing working conditions using modified recursive feature elimination

Saberi, Alireza Nemat; **Belahcen, Anouar**; **Sobra, Jan**; **Vaimann, Toomas** IEEE Access 2022 / p. 81910-81925
<https://doi.org/10.1109/ACCESS.2022.3195939> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Main faults and diagnostic possibilities of BLDC motors

Kudelina, Karolina; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants**; Lukichev, Dmitry 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 / 6 p. : ill <https://doi.org/10.1109/IWED48848.2020.9069553>

Masinate töökindlus

Kleis, Ilmar 1984 https://www.ester.ee/record=b1238058*est

Masinate töökindlus : loengukonspekt

1994 https://www.ester.ee/record=b1067804*est

Maximum risk calculation process for individual substation equipment in primary side

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863055>

Methods and ways influencing the reliability of ergonomic (man-machine-environment) systems: safety and management aspects

Kiivet, Gunnar Tallinna Tehnikaülikooli Toimetised 1994 / lk. 12-26: ill

Methods for reliability assessment and enhancement of deep neural networks hardware accelerators = Süvanärvivõrkude riistvara kiirendite töökindluse hindamine ja täiustamine

Taheri, Mahdi 2025 https://www.ester.ee/record=b5728368*est <https://digikogu.taltech.ee/et/Item/9cf79768-17bc-44ec-a828-e4ccf6cf93f1>
<https://doi.org/10.23658/taltech.4/2025>

Methods of condition monitoring and fault detection for electrical machines

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Khang, Huynh Van Energies 2021 / art. 7459, 20 p. : ill <https://doi.org/10.3390/en14227459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miks tehnika tõrjub?

Ajaots, Maito Horisont 1987 / lk. 14-17 : ill https://www.ester.ee/record=b1072243*est <http://www.digar.ee/id/nlib-digar:291465>

Mission profile-based accelerated testing of DC-link capacitors in photovoltaic inverters

Sangwongwanich, Ariya; Shen, Yanfeng; Chub, Andrii; Liivik, Elizaveta; Vinnikov, Dmitri; Wang, Huai; Blaabjerg, Frede Thirty-Fourth Annual IEEE Applied Power Electronics Conference and Exposition, March 17 – 21, 2019, Anaheim, California 2019 / p. 2833-2840 : ill <https://doi.org/10.1109/APEC.2019.8721794> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Model verification for analysis of wind power impact to transient stability in isolated power system using combined relay protection and dynamics modelling approach

Maripuu, Rain; Tsernobrovkin, Oleg; Palu, Ivo; Kilter, Jako PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 169-174 : ill <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6256222>

Modeling for multi-view interference analysis of design aspects in MPSoC designs

Vain, Jüri; Apneet Kaur; Tsiopoulos, Leonidas; Raik, Jaan; Jenihhin, Maksim RESCUE 2017 : Workshop on Reliability, Security and Quality : ETS17 Fringe Workshop, May 25-26, 2017, Limassol, Cyprus 2017 / p. 1-6
<http://www.ets17.org.cy/workshop/rescue-workshop.html>

Multiport interface converter with an energy storage for nanogrids

Roasto, Indrek; Rosin, Argo; Jalakas, Tanel IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6088–6093 : ill <https://doi.org/10.1109/IECON.2018.8591104>

A novel high-voltage half-bridge converter with phase-shifted active rectifier [Electronic resource]

Blinov, Andrei; Ivakhno, Volodymyr; Zamaruev, Vladimir; Vinnikov, Dmitri; Husev, Oleksandr 2012 IEEE International Conference on Industrial Technology : proceedings CD 2012 / p. 967-970 : ill [CD-ROM] <https://ieeexplore.ieee.org/document/6210062>

Numerical simulation of CLT moisture uptake and dry-out following water infiltration through end-grain surfaces

Brandstätter, Florian; Kalbe, Kristo; Autengruber, Maximilian; Lukacevic, Markus; Kalamees, Targo; Ruus, Aime; Annuk, Alvar; Füssl, Josef Journal of Building Engineering 2023 / art. 108097 <https://doi.org/10.1016/j.jobbe.2023.108097> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ohutuskriitiliste infosüsteemide arendamise metoodika (SAIS'i näitel)

Kelder, Irina A & A 2011 / 2, lk. 59-72 : ill https://artiklid.elnet.ee/record=b2431021*est

On reliability criteria of mechatronic systems

Tähemaa, Toivo OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 205-207
https://www.ester.ee/record=b1083704*est

On reliability dimension in product development of mechatronic systems

Tähemaa, Toivo; Reedik, Vello TMCE 2000 : Third International Symposium on Tools and Methods of Competitive Engineering : April 18-21, 2000, Delft, The Netherlands 2000 / p. 197-202 : ill

On the influence of modelling a weld effect when optimizing thin-walled structures for crashworthiness

Berntsson, K.; Kõrgesaar, Mihkel; Goncalves, B.; Romanoff, Jani The 29th International Ocean and Polar Engineering Conference : 16-21 June 2019, Honolulu, Hawaii, USA 2019 / ISOPE-I-19-316, 8 p [On the influence of modelling...](#) [Conference proceedings at Scopus](#) [Article at Scopus](#)

Operation of Single-Chip MOSFET and IGBT Devices after failure due to repetitive avalanche [Electronic resource]

Blinov, Andrei; Norrga, Staffan; Tibola, Gabriel EPE'15 ECCE Europe : 8-10 September 2015, Geneva, Switzerland : 17th European Conference on Power Electronics and Applications 2015 / p. 1-9 : ill. [USB] <http://dx.doi.org/10.1109/EPE.2015.7309190>

Optimaalsete süsteemide töökindluse teooria elemente

Voltšek, J.; Jõgi, Emma XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 114 https://www.ester.ee/record=b2449987*est

Pankade sisekontrolli probleemid teel infoühiskonda

Sõrg, Mart Arvestuse ja maksunduse aktuaalsed probleemid : konverents 1997 / lk. 156-160 https://www.ester.ee/record=b1293554*est

Performance analysis of a flexible manufacturing system (FMS)

Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Procedia CIRP 2017 / p. 424-429 : ill <https://doi.org/10.1016/j.procir.2017.03.123> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Photovoltaic module characteristic influence on reliability of micro-inverters

Sangwongwanich, Ariya; **Liivik, Elizaveta; Blaabjerg, Frede** 2018 IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2018) : Doha, Qatar, 10-12 April 2018 / p. 478-483 : ill <https://doi.org/10.1109/CPE.2018.8372565>

Plahvatusohtlikes keskkondades kasutatavate elektriseadmete liigitamine

Risthein, Endel Elektriala 2015 / lk. 8 https://artiklid.elnet.ee/record=b2721076*est

Planning method for the maintenance and repair of the vehicle fleet based on the life cycle contract

Makarova, Irina; Mukhametdinov, Eduard; Gabsalikhova, Larisa; **Pashkevich, Anton**; Giniyatullin, Ilmur Transbaltica XI : Transportation Science and Technology : Proceedings of the International Conference Transbaltica, May 2-3, 2019, Vilnius, Lithuania 2020 / p. 434-444 https://doi.org/10.1007/978-3-030-38666-5_46

Power Electronic Systems for Efficient and Sustainable Energy Supply

2019 https://www.mdpi.com/journal/energies/special_issues/power_electronic_systems_for_eses

PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia : conference proceedings

2010 http://www.ester.ee/record=b2631897*est

PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings

2012 https://www.ester.ee/record=b4770080*est

PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11 - 13, 2014, Rakvere, Estonia : proceedings

2014 https://www.ester.ee/record=b4479987*est

PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings

2016 <https://ieeexplore.ieee.org/xpl/conhome/7600990/proceeding> https://www.ester.ee/record=b5375325*est

Puutetundlik tahvel on töökindel : [lühisõnum]

Ots, Avo Äripäev 2002 / 31. okt., lk. 15

Põhimõisteid seadmete töökindlusest : õppevahend

Tadolder, Jüri 1978 https://www.ester.ee/record=b1278745*est

Rahvusvaheline elektritoite kvaliteedi ja elektrivarustuskindluse konverents - PQ2012

Keskkonnatehnika 2012 / lk. 9 https://artiklid.elnet.ee/record=b2526343*est

RC bridge management optimisation considering condition assessment uncertainties

Sein, Sander; Campos Matos, Jose; **Idnurm, Juhan**; Kiisa, Martti; Coelho, Mario Proceedings of the Estonian Academy of Sciences 2021 / p. 172-189 : ill <https://doi.org/10.3176/proc.2021.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reliability analysis and energy yield of string-inverter considering monofacial and bifacial photovoltaic panels

Bouguerra, Sara; Yaiche, Mohamed Redha; Sangwongwanich, Ariya; Blaabjerg, Frede; **Liivik, Elizaveta** 2020 IEEE 11th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), 28 Sept.-1 Oct. 2020, Dubrovnik, Croatia 2020 / p. 199-204 <https://doi.org/10.1109/PEDG48541.2020.9244425>

Reliability analysis module development for production route elaboration

Pribytkova, Marina; Sahno, Jevgeni; Karaulova, Tatjana; Ševtšenko, Eduard; Maleki, Meysam; Cruz-Machado, V. Proceedings of the Ninth International Symposium on Tools and Methods of Competitive Engineering - TMCE 2012 : May 7-11, 2012, Karlsruhe, Germany 2012 / p. 1013-1026

https://www.researchgate.net/publication/282325033_Reliability_analysis_module_development_for_production_route_elaboration

Reliability analysis of battery energy storage system for various stationary applications

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Shen, Yanfeng; Sangwongwanich, Ariya Journal of energy storage 2022 / art.

104217 <https://doi.org/10.1016/j.est.2022.104217> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reliability analysis of dynamically loaded systems

Karaulova, Tatjana; Preis, Irina; Marquis, G. Annals of DAAAM for 2007 & proceedings of the 18th International DAAAM

Symposium "Intelligent Manufacturing & Automation" : October 2007, Zadar, Croatia 2007 / p. 367-368 <https://go.gale.com/ps/i.do?id=GALE%7CA177174647&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7E1d908e25&at=open-web-entry>

<https://go.gale.com/ps/i.do?id=GALE%7CA177174647&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7E1d908e25&at=open-web-entry>

Reliability and operation diagnostics of light rail electric transport in Estonia [Electronic resource]

Rosin, Argo; Lehtla, Tõnu; Möller, Taavi EPE-PEMC 2006 : 12th International Power Electronics and Motion Control Conference : Portorož, Slovenia, August 30 - September 1, 2006 : proceedings 2006 / p. 1751-1756 : ill. [CD-ROM]

Reliability aspects of PVD coatings sliding under wear and corrosive conditions = PVD pinnete töökindluse aspektid liughõõrdumise ja korrosiooni tingimustes

Baroninš, Janis 2018 <https://digi.lib.ttu.ee/i/?11163> https://www.ester.ee/record=b5174063*est

Reliability assessment of manufacturing processes

Karaulova, Tatjana; Kostina, Marina; Ševtšenko, Eduard International journal of industrial engineering and management 2012 / p.

143-151 https://www.researchgate.net/publication/289158975_Reliability_assessment_of_manufacturing_processes

Reliability assessment of photovoltaic Buck-Boost microconverter for Estonian climate conditions

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power

Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227505>

Reliability based design method for buckling of steel columns in fire

Kervalishvili, Andrei; Talvik, Ivar Journal of Structural Fire Engineering 2020 / p. 167 - 187 <https://doi.org/10.1108/JSFE-12-2018-0041>

Journal metrics at Journal Article at Scopus Journal metrics at WOS Article at WOS

Reliability characteristics of hardmetals

Kübarsepp, Jakob; Reshetnjak, Heinrich Proceedings of the World Congress and Exhibition on Powder Metallurgy, October 18-22, Granada, Spain 1998 / p. 15-20

Reliability criteria continuously developing mechatronic systems

Tähemaa, Toivo; Reedik, Vello 2nd International Conference on Machine Automation. Advanced Mechatronics: first-time-right,

September 15-18, 1998, Tampere, Finland : proceedings of the ICMA'98. Vol. 2 1998 / p. 831-837: ill

Reliability estimation for manufacturing processes

Kostina, Marina; Karaulova, Tatjana; Sahno, Jevgeni; Maleki, Meysam Journal of achievements in materials and manufacturing

engineering 2012 / p. 7-13 : ill https://www.researchgate.net/publication/289158975_Reliability_assessment_of_manufacturing_processes

Reliability evaluation of an impedance-source PV microconverter

Shen, Yanfeng; Liivik, Elizaveta; Blaabjerg, Frede; **Vinnikov, Dmitri;** Wang, Huai; **Chub, Andrii** 2018 IEEE Applied Power

Electronics Conference and Exposition (APEC 2018), San Antonio, Texas, USA, 4-8 March 2018 2018 / p. 1104-1108 : ill

<https://doi.org/10.1109/APEC.2018.8341154> Conference proceedings at Scopus Article at Scopus Article at WOS

Reliability evaluation of an impedance-source PV microconverter

Shen, Yanfeng; Liivik, Elizaveta; Blaabjerg, Frede; **Vinnikov, Dmitri;** Wang, Huai; **Chub, Andrii** 17th International Symposium

"Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare,

Estonia, January 15-20, 2018 2018 / p. 108-110 : ill http://ise.elnet.ee/record=b2950026~S2*est

Reliability evaluation of isolated buck-boost DC-DC series resonant converter

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Shen, Yanfeng IEEE open journal of power electronics 2022 / p. 131-141

<https://doi.org/10.1109/OJPEL.2022.3157200> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reliability evaluation of the universal power electronic interface converter for PV applications

Khan, Salman; Chub, Andrii; Vinnikov, Dmitri; Kasper, Matthias; Deboy, Gerald 2024 IEEE 21st International Power Electronics

and Motion Control Conference (PEMC) 2024 / 8 p <https://doi.org/10.1109/PEMC61721.2024.10726360>

Reliability factors of production process

Pribytkova, Marina; Karaulova, Tatjana Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 947-948 : ill

Reliability framework for power network assessment

Mishra, Sambeet; Bordin, Chiara; Fornes, Jordi Mateo; Palu, Ivo 2018 International Conference on Renewable Energy and Environment Engineering (REEE 2018) 2019 / art. 02005, 7 p. . ill <https://doi.org/10.1051/e3sconf/20198002005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Reliability in microsystems

Michel, Bernd; Schubert, A.; Reichl, H. BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 37-40: ill

Reliability management of manufacturing processes in machinery enterprises = Tootmisprotsesside usaldusväärsuse haldamine masinaehituse ettevõtetes

Kostina, Marina 2012 https://www.ester.ee/record=b2896156*est

Reliability of dual compounds "carbide composite+steel" produced by diffusion welding

Klaasen, Heinrich; Kübarsepp, Jakob; Laansoo, Andres; Viljus, Mart International journal of refractory metals and hard materials 2010 / 5, p. 580-586 : ill

Reliability of electric power generation in power systems with thermal and wind power plants

Valdma, Mati; Keel, Matti; Tammoja, Heiki; Kilk, Aleksander Oil shale 2007 / p. 197-208 : ill
https://www.researchgate.net/publication/228623749_Reliability_of_electric_power_generation_in_power_systems_with_thermal_and_wind_plants

The reliability of stud-bolt joints

Strižak, Viktor; Penkov, Igor OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 196-204 : ill https://www.ester.ee/record=b1083704*est

Reliability of the measurement standards system needed for machinery in Estonia

Kulderknup, Edi OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 153-162

Reliability prediction for man-machine production lines

Karaulova, Tatjana; Pribytkova, Marina DAAAM International Scientific Book 2009 2009 / p. 487-500 <https://go.gale.com/ps/i.do?id=GALE%7CA224335557&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=17269687&p=AONE&sw=w&userGroupName=anon%7E51d564e8&aty=open-web-entry>

RESCUE EDA Toolset for interdependent aspects of reliability, security and quality in nanoelectronic systems design

Gürsoy, Cemil Cem; Cardoso Medeiros, Guilherme; Chen, Juanho; Balakrishnan, Aneesh; Lai, Xinhui; Bagbaba, Ahmet Cagri; Raik, Jaan; Jenihhin, Maksim DATE 2019 2019 / 1 p. : ill <https://doi.org/10.5281/zenodo.3362529> <https://past.date-conference.com/>

Review of technical solutions addressing voltage and operational challenges in a distribution grid with high penetration of intermittent RES

Astapov, Victor; Shabbir, Noman; Rosin, Argo; Kütt, Lauri; Maask, Vahur; Tiismus, Hans Energy reports 2025 / p. 1738-1760
<https://doi.org/10.1016/j.egy.2025.08.019>

Robot bus low-level control system transformation to an open-source solution

Pikner, Heiko; Sell, Raivo; Gu, Junyi Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 020004 <https://doi.org/10.1063/5.0189277> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Robust speed controllers with autotuning for electrically driven equipment

Aksjonov, Andrei; Serbin, Aleksandr; Vodovozov, Valery; Raud, Zoja 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (WED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January - 2nd of February 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/IWED.2019.8664397>

110 kV õhuliinide isolatsiooni töökindluse analüüs ja töökindluse tõstmise meetodid = The study of 110 kV power grid reliability and the measures to decrease insulation failure

Taklaja, Paul 2012 http://www.ester.ee/record=b2857612*est

Scenario-based Validation for Autonomous Vehicles with Different Fidelity Levels

Malayjerdi, Mohsen; Kaljavesi, Gemb; Diermeyer, Frank; Sell, Raivo 2023 IEEE Conference on Intelligent Transportation Systems (ITSC 2023) 2023 / 6 p <https://doi.org/10.1109/ITSC57777.2023.10422403>

Seadmete töökindlusalaste uuringute kujunemine ja saavutusi Eesti NSV-s

Kleis, Ilmar Tehnilise mõtte ja tehnikahariduse ajaloo probleeme Eestis : vabariikliku konverentsi (20.-21. detsember 1984)

materjalid. II, Teadusuuringud 1985 / lk. 15-18 https://www.ester.ee/record=b1255676*est

Self-healing photovoltaic microconverter with zero redundancy and accurate low-cost fault detection

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri IEEE transactions on industrial electronics 2024 / p. 646-656
<https://doi.org/10.1109/TIE.2023.3250836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Short-circuit fault detection and remedial in full-bridge rectifier of series resonant DC-DC converter based on inductor voltage signature

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p. : ill
<https://doi.org/10.1109/RTUCON51174.2020.9316482>

Sildade toimivus inimese näitel

Sein, Sander Teeleht 2019 / lk. 30-32 : fot https://www.mnt.ee/sites/default/files/road_paper_pdf/mnt_teeleht_nr97_web.pdf
https://www.ester.ee/record=b1073043*est

Simplified assessing of substation-originated outages in analysis of transmission system reliability

Raesaar, Peeter; Tiigimägi, Eeli; Valtin, Juhan Oil shale 2007 / 2S, p. 308-317 : ill <https://go.gale.com/ps/i.do?id=GALE%7CA199396816&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=0208189X&p=AONE&sw=w&userGroupName=anon%7Eca2a5e6d&aty=open-web-entry>

Simulation models for power-quality studies in power-electronics rich power networks : Deliverable 5.2 [Online resource]

Božiček, Ambrož; Blažič, Boštjan; Špelko, Aljaž; Sarnet, Tanel; Löper, Mari; Kilter, Jako 2017 [Deliverable 5.2](#)

Sinter/HIP technology of TiC-based cermets = Titaankarbiidkermiste survepaagutustehnoloogia

Kollo, Lauri 2007

Software availability and reliability

Karpovsky, E.J.; Tamm, Boris, inform.; Tepandi, Jaak Systems & control encyclopedia. Supplementary volume 2 1992 / p. 938-939

Special session: reliability assessment recipes for DNN accelerators

Ahmadilivani, Mohammad Hasan; Bosio, Alberto; Deveautour, Bastien; Dos Santos, Fernando Fernandes; Guerrero-Balaguera, Juan-David; Jenihhin, Maksim; Kritikakou, Angeliki; Sierra, Robert Limas; Raik, Jaan; Taheri, Mahdi 42nd IEEE VLSI Test Symposium, VTS 2024 2024 / 11 p. : ill <https://doi.org/10.1109/VTS60656.2024.10538707> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Specification of safety and reliability requirements for control systems

Mötus, Leo Dagstuhl Seminar 9509 : High Integrity Programmable Electronics Systems, February 27-March 03, 1995 1995

Specification of safety and reliability requirements for control systems

Mötus, Leo Proceedings of the 3rd Baltic Summer School on Information Technology and System Engineering, 1-5 August, 1995, Klaipeda, Lithuania 1996 / p. 37-56

Specification of safety and reliability requirements for control systems

Mötus, Leo High integrity systems 1996 / 6, p. 513-522 : ill

Statistical process control for production process reliability management

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 134-137 : ill

Study of MOSFET post-fault operation in fault-tolerant DC-DC converters

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / Code 181231, 5 p <https://doi.org/10.1109/ENERGYCON53164.2022.9830216>

Sõltumatute ketaste liiasmassiiv (RAID)

Vapper, Virgo A & A 2007 / 5, lk. 28-37 : ill https://artiklid.elnet.ee/record=b1021107*est

A synthetic, hierarchical approach for modelling and managing complex systems' quality and reliability = Sünteetiline, hierarhiline lähenemine keerukate süsteemide kvaliteedi ja töökindluse modelleerimiseks ja haldamiseks

Balakrishnan, Aneesh 2022 <https://doi.org/10.23658/taltech.11/2022> <https://digikogu.taltech.ee/et/item/a594d3ec-0e6b-4a78-819a-fe1f47992612>

System level design for dependability and reliability

Jervan, Gert CREDES Summer School : Dependable Systems Design : handouts 2011 / p. 5-20 : ill

Systematic analysis of electronic devices reliability

Eidukas, D.; Balaišis, P.; Navikas, D. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 255-258: ill

System-level design of timing-sensitive network-on-chip based dependable systems = Kiipvõrkudel põhinevate ajakriitiliste ja töökindlate süsteemide kõrgtaseme disain

Tagel, Mihkel 2012 https://www.ester.ee/record=b2778263*est

Zero-memory-overhead clipping-based fault tolerance for LSTM deep neural networks

Parchekani, Bahram; Nazari, Samira; Ahmadilivani, Mohammad Hasan; Azarpeyvand, Ali; Raik, Jaan; Ghasempouri, Tara; Daneshtalab, Masoud 37th IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems, Harwell, Oxfordshire, Didcot, UK, October 8th - 10th, 2024 2024 / 4 p. : ill <https://doi.org/10.1109/DFT63277.2024.10753533> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Tallinna Tehnikaülikooli uus energeetikalabor

Aro, Rein Elektriala 2018 / lk. 27 : fot http://www.ester.ee/record=b1240496*est https://artiklid.elnet.ee/record=b2868795*est

TalTech avas energeetikalabori

Ehitaja 2018 / lk. 30 : fot http://www.ester.ee/record=b1072123*est

TalTechi uues energeetikalaboris saab testida elektrisüsteemide töökindlust

Mente et Manu 2018 / lk. 9 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html

Techniques for robust routing, communication and computation in multiprocessor systems = Robustse marsruutimise, side ja arvutuse tehnikad mitmeprotssessorilistes süsteemides

Janson, Karl 2021 https://www.ester.ee/record=b5396084*est <https://digikogu.taltech.ee/et/Item/c9091d5c-dcd8-4b21-95a7-84ead85241e6> <https://doi.org/10.23658/taltech.3/2021>

Teraste 12Cr18Ni12Ti ja DI-59 töökindlusest kõrgematel temperatuuridel

Suik, Heinrich Tallinna Tehnikaülikooli Toimetised 1994 / lk. 62-67: ill

Test strategy for a 486 computer multichip module

Magnhagen, Bengt BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 339-340: ill

TestIt: an open-source scalable long-term autonomy testing toolkit for ROS

Kanter, Gert; Vain, Jüri Conference Proceedings of 2019 10th International Conference on Dependable Systems, Services and Technologies DESSERT'2019, United Kingdom, Leeds, June 5-7, 2019 2019 / art. 8770011, p. 45-50 <http://dx.doi.org/10.1109/DESSERT.2019.8770011>

The 4th International Conference : Electric Power Quality and Supply Reliability : August 29...31, 2004, Pedase, Estonia : proceedings

2004 https://www.ester.ee/record=b1978182*est

The effects of intermittent charging on VRLA battery life expectancy in telecom applications

Suntio, Teuvo; Waltari, P.; Tenno, Ander; Tenno, Robert Proc. 24th INTELEC Conf., Montreal, Canada, 2002 2002 / p. 121-127 <https://ieeexplore.ieee.org/document/1048644>

The impact of safety and reliability requirements on the specification of control systems

Mõtus, Leo Postprints of IFAC Workshop on Safety, Reliability and Applications of Emerging Intelligent Control Technologies, 12-14 December, Hong Kong, 1994 1994 / p. 88-96 <https://www.sciencedirect.com/science/article/pii/S1474667017457144>

The investigation of the Therac-25 accidents

Zdanov, Vassili A & A 2007 / 6, lk. 20-32 : ill https://artiklid.elnet.ee/record=b1021179*est

The reliability of thread joints working at cyclic loads

Meng, Valentin; Strizak, Viktor OST-95 Symposium on Machine Design : proceedings, Oulu, Finland, May 18-19, 1995 1995 / p. 76-83: ill https://www.ester.ee/record=b1033949*est

The remaining lifetime assessment of turbines K-200-130

Klevtsov, Ivan; Lausmaa, Toomas; Tallermo, Harri "Creep Resistant Metallic Materials" held in Prague, Czech Republic, 8-11 April 2001 : part of the 10th joint International Conference on Creep & Fracture of Engineering Materials and Structures : proceedings 2001 / p. 320-326 : ill

6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia :

conference proceedings

2008 https://www.ester.ee/record=b2549933*est

Towards modern electricity grids

Pikner, Rando 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 113-116 : ill

Основные вопросы теории долговечности машин

Treier, Valfried 1953 https://www.ester.ee/record=b1390118*est <https://digikogu.taltech.ee/et/Item/dff02fdb-d34f-4cec-b499-79914b7b82c8>

Trends in positive and negative synergy at mechatronic systems

Tähemaa, Toivo Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 102-105 : ill

Triple-triple redundant 777 primary flight computer

Tšertov, Anton A & A 2007 / 5, p. 38-47 : ill https://artiklid.elnet.ee/record=b1021108*est

Töökindlus ja ökonoomika

Sarapik, Lembit 1971 https://www.ester.ee/record=b1336277*est

Töökindluse ökonoomika probleem

Sarapik, Lembit Tehnika ja Tootmine 1968 / lk. 463-465 https://www.ester.ee/record=b1073047*est

Töökindlusest tehnikasajandil

Kleis, Ilmar Horisont 1985 / lk. 14-16 : fotod https://www.ester.ee/record=b1072243*est <https://www.digar.ee/arhiiv/et/periodika/70457>

Understanding fault-tolerance vulnerabilities in advanced SoC FPGAs for critical applications

Cherezova, Natalia; Shibin, Konstantin; Jenihhin, Maksim; Jutman, Artur Microelectronics reliability 2023 / art. 115010, 10 p. : ill <https://doi.org/10.1016/j.microrel.2023.115010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uuenduslik metoodika aitab võidelda elektrisüsteemi riketega

Andreesen, Guido novaator.err.ee 2024 [Uuenduslik metoodika aitab võidelda elektrisüsteemi riketega](#)

Uuendusliku metoodikaga elektrisüsteemi rikete vastu

Andreesen, Guido TööstusEST 2024 / lk. 67 : portr https://www.ester.ee/record=b4481084*est

Variations of power demand and wind power generation and their influence to the operation of power systems =

Elektritarbimise ja tuulegeneraatorite võimsuse muutused ja nende mõju elektrisüsteemi talitlusele

Kilk, Kalle 2009

Wear-out failure analysis of an impedance-source PV microinverter based on system-level electrothermal modeling

Shen, Yanfeng; Chub, Andrii; Wang, Huai; Vinnikov, Dmitri; Liivik, Elizaveta; Blaabjerg, Frede IEEE transactions on industrial electronics 2019 / p. 3914-3927 <https://doi.org/10.1109/TIE.2018.2831643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear-out failure analysis of solar optiverter operating with 60- and 72-cell Si crystalline PV modules

Liivik, Liisa; Chub, Andrii; Sangwongwanich, Ariya; Shen, Yanfeng; Vinnikov, Dmitri; Blaabjerg, Frede IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6134-6140 : ill <https://doi.org/10.1109/IECON.2018.8592925>

Vigadetegemise uurimise küsimusi

Pavelson, Henno Актуальные вопросы охраны труда и правовой охраны промышленной собственности 1989 / lk. 91-96

Virtual laboratory for research in dependable microelectronics

Diener, Karl-Heinz; Elst, G.; Gramatova, Elena; Kuzmich, W.; Peng, Z.; Ubar, Raimund-Johannes The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 217-220 : ill

Voltage withstand properties of the insulation of different types of medium voltage covered overhead line conductors

Kiitam, Ivar; Taklaja, Paul; Tuttelberg, Kaur 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16 - 18 May 2018 2018 / p. 18-21 : ill <https://doi.org/10.1109/EPE.2018.8396011>

Анализ надежности локомотивного транспорта шахты "Ахтме" с учетом фактора аварийности электровозов

Lauringson, Veljo Проблемы разработки месторождений полезных ископаемых Эстонской ССР 1988 / с. 24-32

Анализ надежности сварных швов, работающих при переменных и ударных нагрузках : (на примере пассажирского парома ESTONIA)

Ingerma, August; Strižak, Viktor 16th International Conference "Mathematical Modelling in Mechanics of Solids and Structures, Boundary and Finite Element Methods", June 1998, St. Petersburg, Russia. Vol. 1 1998 / p. 51-54 [p. 32-35]?

Влияние гидродинамической неустойчивости на долговечность парогенерирующих труб в зоне кризиса кипения второго рода

Klevtsov, Ivan Исследование работы парогенераторов электростанций 1987 / с. 72-76

Влияние контактных сопротивлений на перегрев тиристора в импульсном режиме

Nurste, Ivar; Seleninov, Kazimir; Freidin, Boris Силовые быстродействующие полупроводниковые приборы : сборник статей. Часть II 1989 / с. 175-179 https://www.ester.ee/record=b1264433*est

Изучение стабильности и достоверности лимитов строительно-монтажных работ

Liias, Roode Экономические проблемы интенсификации строительного производства 1984 / с. 3-13 : ил https://www.ester.ee/record=b1307612*est <https://digikogu.taltech.ee/et/Item/3f109a8b-0d7e-4e5c-99c4-736dd18e9732>

Исследование некоторых вопросов определения области безотказной работы мощных транзисторов

Laansoo, Ants; Männama, Vello; Pikkov, Otto; Järvalt, Aldur Силовые полупроводниковые приборы : сборник статей 1981 / с. 44-49 : ил https://www.ester.ee/record=b1264428*est

Исследование способов повышения надежности работы речных водозаборных сооружений в преддоставные периоды : автореферат ... кандидата технических наук (05.23.04)

Abazajev, Mihhail 1978 http://www.ester.ee/record=b1538607*est

Исследование способов повышения надежности работы речных водозаборных сооружений в преддоставные периоды : диссертация ... кандидата технических наук

Abazajev, Mihhail 1977 http://www.ester.ee/record=b2356921*est

Исследование устойчивости движения силовых гидроприводов

Dernovski, J.; Papstel, Jüri; Grossschmidt, Gunnar X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 106 https://www.ester.ee/record=b1749611*est <http://www.digar.ee/id/nlib-digar:376945>

Исследование эксплуатационной надежности горного оборудования на карьере

Päsook, Robert Труды по горному делу : сборник статей. 6 1972 / с. 7-12 : илл https://www.ester.ee/record=b2190530*est <https://digikogu.taltech.ee/et/Item/6d110d4c-c936-43e2-9073-aef99f8686b9/>

Исследование эксплуатационной стойкости железобетонных конструкций в животноводческих зданиях : автореферат ... кандидата технических наук (05.23.01)

Miljan, Jaan 1979 http://www.ester.ee/record=b1336819*est

Исследование эксплуатационной стойкости железобетонных конструкций в животноводческих зданиях : диссертация ... кандидата технических наук : 05.23.01 строительные конструкции

Miljan, Jaan 1978 http://www.ester.ee/record=b2357168*est

Исследование эксплуатационной стойкости железобетонных конструкций в животноводческих зданиях : диссертация ... кандидата технических наук : специальность 05.23.01

Miljan, Jaan 1983 http://www.ester.ee/record=b2411192*est

К вопросу повышения надежности работы и увеличения срока службы топливной аппаратуры судовых дизелей

Soskind, Gennadi Судовые силовые установки и судостроение : сборник статей. 2 1963 / с. 3-14 : илл https://www.ester.ee/record=b2181958*est <https://digikogu.taltech.ee/et/Item/2c19b564-bed9-4888-84e1-a99c238759a7>

Метод контроля работоспособности гармонического анализатора огибающей переменного тока

Talvik, K.; Beljakov, V.; Nedosekin, D.; Nikitin, V Автоматические устройства учета и контроля 1973 / с. 92-95

Надежность : методическое пособие. Часть 1, Надежность электрических аппаратов

1989 https://www.ester.ee/record=b1212342*est

Надежность агрегатов автомобиля на примере Таллинского таксомоторного парка

Luukas, E.; Kaldjärv, K.; Reisberg, R. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 104 https://www.ester.ee/record=b5165223*est

Надежность изделий : схемы, рисунки и таблицы для специальности 0531

Надежность опорно-штыревых изоляторов 10 кВ при импульсных воздействиях

Annus, Aleksander; Kolker, D. Теоретические и электрофизические проблемы повышения надежности и долговечности изоляции сетей с изолированной и резонансно-заземленной нейтралью : тезисы докладов симпозиума, 18-19 апреля 1989 года 1989 / с. 77-78 : таб https://www.ester.ee/record=b1224711*est

Надежность работы поверхностей нагрева водяных экономайзеров котлов ТП-67

Rootamm, Rein; Õispuu, Leo; Rajur, Kaido; Solovei, A.G. Проблемы работы котельных установок тепловых электростанций 1985 / с. 61-72 : ил https://www.ester.ee/record=b1527421*est <https://digikogu.taltech.ee/et/Item/ac15dfb9-6485-4d10-a4ce-45e8c668dd1b>

Надежность работы поверхностей нагрева, погруженных в кипящий слой

Rootamm, Rein; Õispuu, Leo; Randmann, Rein; Mäeküla, Oskar Влияние минеральной части энергетических топлив на условия работы паровых котлов : тезисы докладов IV Всесоюзной конференции. Том III, секция 2, Высокотемпературная коррозия износ и очистка поверхностей нагрева : тезисы докладов IV Всесоюзной конференции 1986 / с.127-132 : илл https://www.ester.ee/record=b1217230*est

Некоторые показатели работоспособности безвольфрамовых твердых сплавов "TiC-сталь"

Kübarsepp, Jakob; Rešetnjak, Heinrich Твердосплавная штамповая оснастка в электромашиностроении : тезисы докладов V отраслевого научно-технического семинара 1987 / с. 56-58 : таб https://www.ester.ee/record=b1272870*est

Новый способ повышения работоспособности самосмазывающихся опор скольжения с пористыми подшипниками

Ajaots, Maido; Lees, Rein Проектирование, изготовление, эксплуатация и диагностика узлов трения в машиностроении : тезисы всесоюзной научно-технической конференции (18-20 мая 1983 г., г. Рыбинск). Ч. 2 1983 / с. [9-11]

О методике анализа надежности ЭВМ

Sarapik, Lembit Труды экономического факультета. 14 1974 / с. 17-24 https://www.ester.ee/record=b2190641*est <https://digikogu.taltech.ee/et/Item/dba4f900-e1c6-4738-a60d-c02f7ca603bf>

О методике исследования и расчета долговечности машин и их деталей

Treier, Valfried 1953 https://www.ester.ee/record=b1393303*est <https://digikogu.taltech.ee/et/Item/756fb0fa-9460-4b9e-a894-fd580166aa16>

Об одной проблеме конструирования: байесовский подход к расчету точности системы

Koort, Ants Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 45-47 https://www.ester.ee/record=b1322122*est

Об оптимизации надежности по параметру релейной защиты

Möller, Kalju Применение математических методов и вычислительных машин в энергетике : [Тезисы докладов Конференции] : [В 5 вып.] ; Вып.4 1968 / с. 27-29

Обеспечение надежности крепления гребного винта БМРГ проект 394

Soskind, Gennadi; Strizak, Viktor Судоремонт флота рыбной промышленности 1984 / с. 16-17

Общая постановка задачи проектирования конструкции с оптимальной надежностью

Jõgi, Emma Труды по строительной механике : сборник статей. 6 1975 / с. 3-18 : илл https://www.ester.ee/record=b2190691*est <https://digikogu.taltech.ee/et/Item/817f11ea-2ed6-451f-8d77-f8d3240eb64f>

Оценка влияния режимных параметров прямоточного парогенератора на теплообмен и долговечность металла в переходной зоне

Klevtsov, Ivan Теплоэнергетика 1996 / 3, с. 68-70: ил

Повышение надежности резьбовых соединений, работающих на циклическом растяжении

Meng, Valentin; Strizak, Viktor Болтовые и специальные монтажные соединения в стальных строительных конструкциях : международный коллоквиум, СССР, Москва, 15-20 мая, 1989. ч. 2 1989 / с. 48-51

Повышение надежности труб поверхностей нагрева с диффузионным покрытием при эксплуатационных испытаниях

Ots, Arvo; Suik, Heinrich; Touart, Raivo Первый всесоюзный съезд технологов-машиностроителей, Москва, 13-18 ноября 1989 г. : Тезисы докладов 1989 / с. 149-150

Повышение надежности фланцевых соединений, работающих на циклическое растяжение

Meng, Valentin; Strizak, Viktor Болтовые и специальные монтажные соединения в стальных строительных конструкциях : Международный коллоквиум, СССР, Москва, 15-20 мая '89 Труды [В 3 т.]. Т. 2 1989 / с. 48-51

Повышение работоспособности втулок цилиндров при ремонте дизелей

Strižak, Viktor; Soskind, Gennadi Судоремонт флота рыбной промышленности 1987 / с. 19-20

Пригласительный билет и программа симпозиума : теоретические и электрофизические проблемы повышения надежности и долговечности изоляции сетей с изолированной и резонансно-заземленной нейтралью, 18-19 апреля 1989

1989 https://www.ester.ee/record=b5394985*est

Приложение теории надежности к решению экстремальных задач строительной механики

Jõgi, Emma VI всесоюзная конференция по экстремальным задачам и их приложениям, Таллин, 16-19 апреля 1973 г. : тезисы докладов, часть I 1973 / с. 146-147 https://www.ester.ee/record=b1319925*est

Приложение теории надежности к решению экстремальных задач строительной механики

Jõgi, Emma Труды по строительной механике : сборник статей. 5 1974 / с. 3-10 https://www.ester.ee/record=b2190653*est
<https://digikogu.taltech.ee/et/Item/66202bf2-fa56-47cc-8d36-17e663cd263d>

Применение и развитие методов комплексной оптимизации управления, надежности и соответствующей сети координации на межгосударственных и региональных уровнях объединения энергосистем (ОЭС)

Krumm, Lembit Методические вопросы исследования надежности больших систем энергетики. Вып. 60. Методы и средства исследования и обеспечения надежности систем энергетики 2010 / с. 398-408

Применение метода статистических испытаний к исследованию устойчивости энергетических систем

Meldorf, Mati Энергетические системы : сборник статей. 3 1969 / с. 31-38 https://www.ester.ee/record=b2183089*est
<https://digikogu.taltech.ee/et/Item/5c34d1a9-5ba8-40b8-81f9-efa3dc9c672a/>

Проблемы увеличения надежности и снижения себестоимости позиционных систем числового программного управления (ПЧПУ)

Reedik, Vello Оптимизация производственных процессов машиностроительных заводов республики : республиканская научно-техническая конференция : [Таллин, 1970 21-23 октября] : расширенные тезисы докладов 1970 / с. 36-37
https://www.ester.ee/record=b1372140*est

Проектирование систем минимальной массы как задача теории надежности

Jõgi, Emma Межотраслевые вопросы строительства; 12 1972 / с. 24-27

Пути повышения прочности и надежности резьбовых соединений

Meng, Valentin Трибология и повышение ресурса двигателей : материалы докладов всесоюзной научно-технической конференции [20-22 сент. 1989 г.] 1990 / с. ?

Пути увеличения эффективности и надежности работы аэрируемых очистных сооружений в малой канализации

Mölder, Heino Материалы VI Всесоюзного симпозиума по современным проблемам самоочищения водоемов и регулирования качества воды, Таллин, 16-18 апреля 1979 года. IV секция, Доочистка сточных вод 1979 / с. 13-14
https://www.ester.ee/record=b1281836*est

Работоспособность резьбовых соединений из пластмасс

Meng, Valentin; Strižak, Viktor; Ševtšenko, J. P. Долговечность, расчет и конструирование деталей и узлов машин и технологического оборудования 1985 / с. 9-15 : ил https://www.ester.ee/record=b1302677*est <https://digikogu.taltech.ee/et/Item/e61913feb4c0-406b-b7f8-a28c30240347>

Развитие методов комплексной оптимизации управления и надежности функционирования объединений энергосистем (оэс) на межгосударственных и региональных уровнях в условиях свободного рынка, а также соответствующей сети координирующих диспетчерских центров

Krumm, Lembit Сборник статей : методические вопросы исследования надежности больших систем энергетики (БСЭ). Математические модели и методы исследования надежности либерализованных систем энергетики. 58 2007 / ? с

Разработка устройства и методики для исследования влияния конструкции на работоспособность резьбовых соединений

Gričtšin, A.; Matselepa, B.; Matselepa, T.; Meng, Valentin; Strižak, Viktor XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 113 https://www.ester.ee/record=b1322629*est

Распределение нагрузки по виткам пластмассовых резьбовых деталей при вибрационных нагрузках

Meng, Valentin; Strižak, Viktor; Ševtšenko, J. P. Проблемы прочности : международный научно-технический журнал = Strength of materials : the international journal 1978 / с. 90-92 : ил https://www.ester.ee/record=b1579317*est

Самосмазывающиеся пористые подшипники скольжения с повышенной работоспособностью

Ajaots, Mairo; Lees, Rein Триботехника - машиностроению : тезисы докладов II всесоюзной научно-технической конференции (г. Пушкино-на-Оке, ноябрь 1983 г.) 1983 / с. 120-121

Самосмазывающиеся пористые подшипники скольжения с повышенной работоспособностью

Ajaots, Mairo; Lees, Rein Трение и износ = Friction and Wear : международный научный журнал 1985 / с. 347-351 : илл https://www.ester.ee/record=b1312784*est

Снижение агрессивности продуктов сгорания в промышленных газомазутных котлах для повышения надежности их работы : автореферат ... кандидата технических наук (05.04.01)

Krupnov, Valeri 1988 http://www.ester.ee/record=b2339680*est

Теоретические и электрофизические проблемы повышения надежности и долговечности изоляции сетей с изолированной и резонансно-заземленной нейтралью : тезисы докладов симпозиума, 18-19 апреля 1989

1989 https://www.ester.ee/record=b1224711*est

Теоретические и электрофизические проблемы повышения надежности и долговечности изоляции сетей с изолированной и резонансно-заземленной нейтралью (симпозиум секции IV "Теоретические проблемы электрофизики высоких напряжений" Научного Совета АН СССР по комплексной проблеме "Научные основы электрофизики и электроэнергетики", апрель 1989 г., Таллинн)

Bogatenkov, I.; Metusala, Tiit; Oidram, Rein; Halilov, F. Электричество : ежемесячный теоретический и научно-практический журнал 1989 / с. 89-92 https://www.ester.ee/record=b2160063*est

Теоретические и электрофизические проблемы повышения надежности и долговечности изоляции сетей с изолированной нейтралью (заседание секции IV АН СССР)

Bogatenkov, I.; Halilov, F.; Oidram, Rein Электричество : ежемесячный теоретический и научно-практический журнал 1982 / с. 74-75 https://www.ester.ee/record=b2160063*est

Характеристики надежности в строительной механике оптимальных систем

Jõgi, Emma Труды по строительной механике : сборник статей. 7 1976 / с. 3-12 : илл https://www.ester.ee/record=b2190752*est
<https://digikogu.taltech.ee/et/Item/f6a690f4-3c09-4e01-8a66-8a313dea9f38>

Характеристики эксплуатационной надежности драглайнов ЭШ-20/75

Päso, Robert Добыча угля открытым способом 1975 / с. 16-18

Эксплуатационная надежность труб из стали 12Х1МФ с хромовым покрытием в экране котла, сжигающего экибастузский уголь

Suik, Heinrich; Suurkuusk, Tõnu; Kask, Ülo Исследование работы парогенераторов электростанций 1988 / с. 62-70

Эксплуатационная надежность труб с хромовым покрытием при сжигании эстонских сланцев

Suik, Heinrich; Randmann, Rein; Kask, Ülo; Sammelselg, V.; Siirde, Andres Проблемы работы котельных установок тепловых электростанций 1989 / с. 3-12

Эксплуатационная надежность хромированных труб в подшлаковой ванне котла ПК-38 при сжигании назаровского угля

Suik, Heinrich; Randmann, Rein; Kask, Ülo Tallinna Tehnikaülikooli Toimetised 1990 / lk. 30-39: ill