A simple and inexpencive instrument to record occasional voltage peaks through a long period : (operating principle, utilization, parameters)
Janson, Kuno; **Järvik, Jaan** VII Sympozjum na temat Przepiecia w urzadzeniach elektrycznych i elektronicznych, Holny Mejera 16-19 pazdziernika 1996 r 1996 / s. 43-45: ill

AC losses analysis approaches for electric vehicle motors with hairpin winding configuration
Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; **Kallaste, Ants**; Belahcen, Anouar; **Vaimann, Toomas** IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-4 : ill https://doi.org/10.1109/IECON48115.2021.9589339 Conference Proceedings at Scopus Article at Scopus Article at WOS

AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines
Tiismus, Hans; **Kallaste, Ants**; Belahcen, Anouar; **Tarraste, Marek**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Asad, Bilal**; **Ghahfarokhi, Payam Shams** Energies 2021 / 13 p. : ill https://doi.org/10.3390/en14051241 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic noise computation of electrical motors using the boundary element method
Sathyan, Sabin; Aydin, Ugur; **Belahcen, Anouar** Energies 2020 / art. 0245 https://doi.org/10.3390/en13010245 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Additive design possibilities of electrical machines
Kallaste, Ants; **Vaimann, Toomas**; **Rassõlkin, Anton** 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill https://doi.org/10.1109/RTUCON.2018.8659828

Additive manufacturing of electrical machines
Kallaste, Ants 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 61-62 : ill https://www.ester.ee/record=b5183874*est

Additive manufacturing of electrical machines - towards the industrial use of a novel technology
Vaimann, Toomas; **Kallaste, Ants** Energies 2023 / art. 544 https://doi.org/10.3390/en16010544

Additive manufacturing of prototype axial flux switched reluctance electrical machine
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 4 p. : ill https://doi.org/10.1109/IWED52055.2021.9376337

Adjusted electrical equivalent circuit model of induction motor with broken rotor bars
Rassõlkin, Anton; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; Petrov, Aleksei; Plokhov, Igor; Kotelnikov, Aleksandr PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 213-218 : ill https://doi.org/10.1109/PQ.2016.7724115

Adjusted electrical equivalent circuit model of induction motor with broken rotor bars and eccentricity faults
Petrov, Aleksei; Plokhov, Igor; **Rassõlkin, Anton**; **Vaimann, Toomas**; **Kallaste, Ants**; **Belahcen, Anouar** Proceeding of the 2017 IEEE 11th International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives (SDEMPED) : [Tinos (Greece), August 29 - September 01, 2017] 2017 / p. 58-64 : ill https://doi.org/10.1109/DEMPED.2017.8062334

An approach to the modelling of electrical machines
Lehtla, Tõnu EPE'97 : 7th European Conference on Power Electronics and Applications, 8-10 September 1997, Trondheim, Norway : proceedings 1997 / [5] p

Analysis of a slow-speed slotless permanent magnet synchronous generator
Tuttelberg, Kaur; **Vaimann, Toomas**; **Kallaste, Ants** 4th International Youth Conference on Energy 2013 : [proceedings] 2013 / p. 1-5 : ill

Analysis of advanced passive heatsinks for electrical machines enabled by additive manufacturing
Sarap, Martin; **Kallaste, Ants**; **Ghahfarokhi, Payam Shams**; **Vaimann, Toomas** 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / p. 1-6 https://doi.org/10.1109/WEMDCD55819.2023.10110940

Analysis of broken rotor bar diagnostic techniques for inverter fed induction motor faults
Sardar, Muhammad Usman 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 39-40 : ill https://www.ester.ee/record=b5570906*est

Analysis of the local and global forces acting on the coil structure of a modular slotless permanent magnet generator
Kallaste, Ants; **Vaimann, Toomas**; **Belahcen, Anouar**; **Shams Ghahfarokhi, Payam**; **Rassõlkin, Anton** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2019 / p. 9-14 : ill https://doi.org/10.2478/ecce-2019-0002

Analytical and experimental investigation of neutral point clamped quasi-impedance-source inverter
Ott, Silver; **Roasto, Indrek**; **Vinnikov, Dmitri**; **Lehtla, Tõnu** Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2011 / p. 113-118 : ill

Analytical thermal model and flow network analysis suitable for open self-ventilated machines
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** IET Electric Power Applications 2020 / p. 929-936 : ill https://doi.org/10.1049/iet-epa.2019.1020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asünkroongeneraatorist
Voot, E. Tehnika Kõigile 1940 / lk. 198

Automaatika elektrimasin- ja magnetseadmed : kursuseprojekteerimise juhend automaatika ja telemehaanika eriala (0606) üliõpilastele
1984 https://www.ester.ee/record=b1245470*est

Automaatikasüsteemide elektrimasinad. 1. osa, Alalisvoolumasinad : abiõppematerjal
Samolevski, Georg 1976 https://www.ester.ee/record=b4147726*est

Automaatikasüsteemide elektrimasinad. 2. [osa], Vahelduvvoolumasinad. Asünkroonmasinad
Samolevski, Georg 1976 https://www.ester.ee/record=b4147251*est

Automaatikasüsteemide elektrimasinad. 3. [osa], Vahelduvvoolumasinad. Sünkroonmasinad : õppevahend [Tallinna Polütehnilise Instituudi elektrotehnika erialade üliõpilastele]
Samolevski, Georg 1978 https://www.ester.ee/record=b4148301*est

Automatic tolerance analysis of permanent magnet machines with encapsuled FEM Models using Digital-Twin-Distiller
Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassõlkin, Anton** Processes 2021 / art. 2077, p. 1-15 : ill https://doi.org/10.3390/pr9112077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Axially asymmetric design for additive manufacturing of synchronous reluctance machines
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 5 p https://doi.org/10.1109/IEMDC55163.2023.10238995

Bestimmung der Parameter des Ersazschaltbildes eines Asynchronmotors für eine feldorientierte Regelung
Kimmer, Thomas; **Boiko, Vitali**; **Laugis, Juhan** 2nd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 17-22, 2005 2005 / S. 98-101 : III

Blended antilock braking system control method for all-wheel drive electric sport utility vehicle
Aksjonov, Andrei; **Vodovozov, Valery**; Augsburg, Klaus; **Petlenkov, Eduard** Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 229-241 https://doi.org/10.1007/978-3-030-37161-6_17 Conference proceeding at Scopus Article at Scopus

Capacitor coupled voltage transformer inaccuracy modeling
Asefi, Sajjad 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 73-74 : ill https://www.ester.ee/record=b5570906*est

Challenges of additive manufacturing of electrical machines
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Rassõlkin, Anton**; **Vaimann, Toomas** 2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED), 27-30 Aug. 2019, Toulouse, France : proceedings 2019 / p. 44-48 : ill https://doi.org/10.1109/DEMPED.2019.8864850

Changing of magnetic flux density distribution in a squirrel-cage induction motor with broken rotor bars
Vaimann, Toomas; **Belahcen, Anouar**; **Kallaste, Ants** Elektronika ir elektrotechnika = Electronics and electrical engineering 2014 / p. 11-14 : ill

Cogging torque reduction methods
Kudrjavtsev, Oleg; **Kilk, Aleksander** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 251-254 : ill

Cogging torque reduction methods
Kudrjavtsev, Oleg; **Kilk, Aleksander** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 212-214 : ill

Combined FE and particle swarm algorithm for optimization of high speed PM synchronous machine

Belahcen, Anouar; Martin, Floran; El Hadi Zaim, Mohammed; Dlala, Emad; Kolondzovski, Zlatko COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 475-484 : ill http://dx.doi.org/10.1108/COMPEL-07-2014-0168

Comparative analysis of wind generator energy efficiency based on machine design
Kallaste, Ants; **Vaimann, Toomas**; **Kilk, Aleksander**; **Belahcen, Anouar** 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 9-12 : ill

Comparative simulation study of pump system efficiency driven by induction and synchronous reluctance motors
Gevorkov, Levon; Dominguez-Garcia, Jose Luis; **Rassõlkin, Anton**; **Vaimann, Toomas** Energies 2022 / art. 4068 https://doi.org/10.3390/en15114068 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computation of hysteresis torque and losses in a bearingless synchronous reluctance machine
Belahcen, Anouar; Mukhrejee, Victor; Martin, Floran; Rasilo, Paavo 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 2017 / p. 214-215 : ill http://www.compumag.org/CMAG2017/[PA-A5-10]_129.pdf

Computation of hysteresis torque and losses in a bearingless synchronous reluctance machine
Belahcen, Anouar; Mukhrejee, Victor; Martin, Floran; Rasilo, Paavo IEEE transactions on magnetics 2018 / art. 7300804, 4 p. : ill https://doi.org/10.1109/TMAG.2017.2765080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computation of magnetic forces using degenerated air-gap element
Sathyan, Sabin; **Belahcen, Anouar**; Kataja, Juhani; Henrotte, Francois; Benabou, Abdelkader; Le Menach, Yvonnick IEEE transactions on magnetics 2017 / 7401304, 4 p. : ill https://doi.org/10.1109/TMAG.2017.2656239

Computation of stator vibration of an induction motor using nodal magnetic forces [Online resource]
Sathyan, Sabin; **Belahcen, Anouar**; Kataja, Juhani; **Vaimann, Toomas**; Sobra, Jan 2016 XXII International Conference on Electrical Machines (ICEM) : SwissTech Convention Center, Lausanne, Switzerland, 04-07 September, 2016 : proceedings 2016 / p. 2198-2203 : ill https://doi.org/10.1109/ICELMACH.2016.7732827

Concepts of additively manufactured electrical machines and components
Vaimann, Toomas; **Tiismus, Hans**; **Kallaste, Ants** 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / 6 p https://doi.org/10.1109/EPE58302.2023.10149252

Condition monitoring and diagnostic of electrical machines using IoT and machine learning
Raja, Hadi Ashraf 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. 31-32 : ill https://www.ester.ee/record=b5504019*est

Condition monitoring and fault detection for electrical machines using IOT
Raja, Hadi Ashraf; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2022 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12

Condition monitoring of electrical machines
Vaimann, Toomas; **Kallaste, Ants** 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. 209-212 : ill

Condition monitoring of electrical machines and its relation to IoT
Vaimann, Toomas 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 55-56 : ill https://www.ester.ee/record=b5183874*est

Control challenges of 3D printed switched reluctance motor
Rassõlkin, Anton; **Kallaste, Ants**; **Vaimann, Toomas**; **Tiismus, Hans** 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia 30th of January - 02nd of February 2019 : proceedings 2019 / 5 p. : ill https://doi.org/10.1109/IWED.2019.8664282

Corrections to "Opportunities and Challenges of Utilizing Additive Manufacturing Approaches in Thermal Management of Electrical Machines"
Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; **Kallaste, Ants**; Marques Cardoso, Antonio J.; **Belahcen, Anouar**; **Vaimann, Toomas**; **Tiismus, Hans**; **Asad, Bilal** IEEE Access 2021 / p. 62532 https://doi.org/10.1109/ACCESS.2021.3074827 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost efficiency analysis of slow-speed slotless permanent magnet synchronous generator using different magnetic materials
Laurit, Sten; **Kallaste, Ants**; **Vaimann, Toomas**; **Belahcen, Anouar** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 221-224 : ill

Current sensorless control algorithm for single-phase three-level NPC inverter
Suzdalenko, Alexander; **Zakis, Janis**; Steiks, Ingars Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2014 / p. 28-33 : ill

A current spectrum-based algorithm for fault detection of electrical machines using low-power data acquisition devices
Asad, Bilal; **Raja, Hadi Ashraf**; **Vaimann, Toomas**; **Kallaste, Ants**; Pomarnacki, Raimondas; Hyunh, Van Khang Electronics 2023 / art. 1746 https://doi.org/10.3390/electronics12071746

Department of Fundamentals of Electrical Engineering and Electrical Machines
Keskküla, Viktor; Mezhburd, Volf; **Kont, Alar**; **Siimar, Veiko**; **Järvik, Jaan** Research activities / Tallinn Technical University 1993 / p. 37-40 https://www.ester.ee/record=b1053754*est

Design and prototyping of directly driven outer rotor permanent magnet generator for small scale wind turbines [Online resource]
Vaimann, Toomas; **Kudrjavtsev, Oleg**; **Kilk, Aleksander**; **Kallaste, Ants**; **Rassõlkin, Anton** Advances in electrical and electronic engineering 2018 / p. 271-278 : ill https://doi.org/10.15598/aeee.v16i3.2698 Journal metrics at Scopus Article at Scopus

Design of an additively manufactured polymer composite electrical machine
Sarap, Martin; **Kallaste, Ants**; **Naseer, Muhammad Usman**; **Tiismus, Hans**; **Rjabtšikov, Viktor**; **Ghahfarokhi, Payam Shams**; **Vaimann, Toomas**; Aman, Alexander; Kutia, Mykhailo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p https://doi.org/10.1109/CPE-POWERENG58103.2023.10227413

Design of permanent magnet assisted synchronous reluctance machine
Kallaste, Ants; **Vaimann, Toomas**; **Belahcen, Anouar** Proceedings : 2014 15th International Scientific Conference on Electric Power Engineering (EPE) 2014 / p. 579-582 : ill

Design procedure and preliminary analysis for the introduction of axial asymmetry in the synchronous reluctance machines
Naseer, Muhammad Usman 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 33-34 : ill https://www.ester.ee/record=b5570906*est

Design procedure and preliminary analysis for the introduction of axial asymmetry in the synchronous reluctance machines
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / 6 p. : ill https://doi.org/10.1109/WEMDCD55819.2023.10110903

Detection of induction motor broken bars in grid and frequency converter supply
Vaimann, Toomas; **Belahcen, Anouar**; Martinez, Javier; **Kilk, Aleksander** Przeglad elektrotechniczny 2014 / p. 90-94 : ill

Determining the thermal conductivity of additively manufactured metal specimens
Sarap, Martin; **Kallaste, Ants**; **Ghahfarokhi, Payam Shams**; **Tiismus, Hans**; **Vaimann, Toomas** 2022 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / 4 p https://doi.org/10.1109/IWED54598.2022.9722591

Development and utilization of synthetic signals for fault diagnostics of electrical machines
Raja, Hadi Ashraf; **Kudelina, Karolina**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** IEEE journal of emerging and selected topics in industrial electronics 2024 / 9 p https://doi.org/10.1109/JESTIE.2024.3395650

Diagnostika säästab elektrimasinate tervist
Vaimann, Toomas; **Kilk, Aleksander** Keskkonnatehnika 2011 / 5, lk. 31-32 : ill https://artiklid.elnet.ee/record=b2426053*est

Direct conductor cooling of outer-rotor machine enabled by additive manufacturing
Sarap, Martin 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 31-32 : ill https://www.ester.ee/record=b5570906*est

Direct conductor cooling of outer-rotor machine enabled by additive manufacturing
Sarap, Martin; **Kallaste, Ants**; **Ghahfarokhi, Payam Shams**; **Tiismus, Hans**; **Vaimann, Toomas** 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 4 p https://doi.org/10.1109/IEMDC55163.2023.10238858

Direct liquid cooling in low-power electrical machines : proof-of-concept
Lindh, Pia; Petrov, Ilya; Semken, R. Scott; **Vaimann, Toomas**; **Kallaste, Ants** IEEE transactions on energy conversion 2016 / p. 1257-1266 : ill https://doi.org/10.1109/TEC.2016.2597059

Dynamic modeling of the demagnetization in Halbach array permanent magnet machines

Kallaste, Ants; **Belahcen, Anouar**; **Vaimann, Toomas** COMPUMAG 2013 : [proceedings] 2013 / p. 1-2 : ill

Eesti elektrimasinate-ehituse aktsiaseltsi, Tallinnas, põhikiri
Riigi Teataja Lisa 1925 / lk. 1825-1831

The effect of build direction on the thermal conductivity of additively manufactured AlS10Mg and silicon-steel samples : [conference paper]
Sarap, Martin 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. 29-30 : ill https://www.ester.ee/record=b5504019*est

Effect of multi-axial stress on iron losses of electrical steel sheets
Aydin, Ugur; Rasilo, Paavo; Martin, Floran; **Belahcen, Anouar** Journal of magnetism and magnetic materials 2019 / p. 19-27 : ill https://doi.org/10.1016/j.jmmm.2018.08.003

Effect of PM parameters variability on the operation quantities of a wind generator
Kallaste, Ants; **Belahcen, Anouar**; **Vaimann, Toomas** 2015 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings : Castello del Valentino, Torino, Italy, 26-27 March, 2015 2015 / p. 242-247 : ill http://dx.doi.org/10.1109/WEMDCD.2015.7194536

Effects of stator core welding on an induction machine – measurements and modeling
Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehikoinen, Antti; Sergeant, Peter; Arkkio, Antero; **Belahcen, Anouar** Journal of Magnetism and Magnetic Materials 2020 / art. 166280 https://doi.org/10.1016/j.jmmm.2019.166280 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electric vehicle fast charger high voltage input multiport converter topology analysis [Electronic resource]
Jalakas, Tanel; **Roasto, Indrek**; **Vinnikov, Dmitri** CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings 2013 / p. 326-331 : ill [CD-ROM]

Electrical machine research in TalTech
Vaimann, Toomas 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 39-40 : ill https://www.ester.ee/record=b5291755*est

Electrical resistivity of additively manufactured silicon steel for electrical machine fabrication
Tiismus, Hans; **Kallaste, Ants**; **Vaimann, Toomas**; **Rassõlkin, Anton**; Belahcen, Anouar 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill https://doi.org/10.1109/PQ.2019.8818252

Elektri abil leivaküpsetamine Helveetsias : [elektriahjud]
Eesti Tehnika Seltsi Ajakiri 1920 / lk. 199

Elektriajamid
Lehtla, Tõnu 2007 http://www.ester.ee/record=b2292918*est

Elektriajamid : [bakalaureuse- ja magistriõppe õpik]
Lehtla, Tõnu; **Risthein, Endel** 2007 https://www.ester.ee/record=b2272845*est

Elektriajamid : [õpik]
Lehtla, Tõnu; **Risthein, Endel** 2007 https://www.ester.ee/record=b2292918*est

Elektrigeneraatorite koguvõimsused jaotatud seadete liikide ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1929. aasta tegevuse aruanne 1930 / lk. 30-31

Elektrimasinad
Puusepp, Eugen Masinaehitaja käsiraamat. 1. kd 1968 / lk. 266-288 https://www.ester.ee/record=b1298495*est

Elektrimasinad : laboratoorsete tööde programmid ja metoodilised juhendid
1978 https://www.ester.ee/record=b1314034*est

Elektrimasinad : õppevahend Eesti NSV kesk-eriõppeasutuste elektrotehniliste erialade õpilastele
Jänes, Hans; **Kaasik, Paul**; **Puusepp, Eugen**; **Voldek, Aleksander** 1961 https://www.ester.ee/record=b1374107*est

Elektrimasinad automaatikaseadmeile : masinvõimendid
Samolevski, Georg 1963 https://www.ester.ee/record=b1149350*est

Elektrimasinad. 1

Voldek, Aleksander 1972 https://www.ester.ee/record=b1324816*est

Elektrimasinad. 1
Võrk, Hans Roland 1947 https://www.ester.ee/record=b1319145*est

Elektrimasinad. 2
Voldek, Aleksander 1973 https://www.ester.ee/record=b1319264*est

Elektrimasinate alase tehnilise kõrghariduse ajalugu ja areng Eestis
Kilk, Aleksander Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 16-18 https://www.ester.ee/record=b4560920*est

Elektrimasinate alasest inseneriõppest
Kilk, Aleksander Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 20-21 https://www.ester.ee/record=b4560920*est

Elektrimasinate alused
Janson, Kuno; **Kallaste, Ants** 2017 http://www.ester.ee/record=b4694078*est

Elektrimasinate diagnostika - lihtne viis suureks kokkuhoiuks
Vaimann, Toomas; **Kilk, Aleksander** Elektriala 2011 / 5, lk. 26-27 : ill

Elektrimasinate diagnostika kui moodus nende eluea pikendamiseks
Vaimann, Toomas; **Kilk, Aleksander** Inseneeria 2011 / lk. 38, 40 : ill https://www.ester.ee/record=b1519314*est

Elektrimasinate ehituse ainete omadused
Võrk, Hans Roland 1930 https://www.ester.ee/record=b1308776*est

Elektrimasinate ja aparaatide tööstus
Eesti tööstus-kaubanduse tutvustaja : 1927 1927 / lk. 89-90

Elektrimasinate mähkimine : eesti-soome-rootsi-inglise-saksa-vene sõnastik
Jokiniemi, Matti; Jokinen, Tapani Veikko Juhani; **Loigom, Villem** 1993 https://www.ester.ee/record=b1064666*est

Elektrimasinate soojusarvutus on uute masinate projekteerimisel määrava tähtsusega
Vaimann, Toomas Elektriala 2020 / lk. 12-13 : ill http://www.ester.ee/record=b1240496*est

Elektrimasinate süsiharjadest
Martin, K. Elektrik 1935 / lk. 5-7

Elektrimasinate terviserikkeid aitaks ennetada tehisintellekt [Võrguväljaanne]
Kudelina, Karolina novaator.err.ee 2021 "Elektrimasinate terviserikkeid aitaks ennetada tehisintellekt"

Elektrimasinate-alasest inseneriõppest
Kilk, Aleksander Tallinna Polütehnik : TPI parteikomitee, rektoraadi, komsomolikomitee, ametiühingukomitee häälekandja 1987 / lk. 2 https://www.ester.ee/record=b1254708*est https://digikogu.taltech.ee/et/Item/c2f8dda8-7133-4dd6-b25e-2dc842cd5563

Elektrimasinatealasest inseneriõppest TPI-s
Kilk, Aleksander Kõrgema tehnilise hariduse ja tehnilise mõtte areng Eestis 1988 / lk. 46-51

Elektrimootorite 3D-printimine ei ole ulme
Vaimann, Toomas; **Kallaste, Ants** Director. Inseneeria 2021 / lk. 74-78 : fot https://director.ee/2021/02/03/elektrimootorite-3d-printimine-ei-ole-ulme/ http://www.ester.ee/record=b2336521*est

Elektrimootorite automaatne kauglülimine
Rava, R. Tehnika Kõigile 1938 / lk. 338-341 : joon., fot

Elektrimootorite ehitusviisid
Rava, R. Tehnika Kõigile 1936 / lk. 109-111 : fot., joon

Elektrimootorite kaitsmetest
Rava, R. Tehnika Kõigile 1936 / lk. 268-271 : fot., joon

Elektrimootorite laagritest ja nende määrimisest
Tehnika Kõigile 1939 / lk. 22-25 : joon., fot

Elektrimootorite moodsaid kaitsmisviise
Tehnika Kõigile 1938 / lk. 291

Elektrimootoritest
Haidak, Friedrich Tehnika Kõigile 1938 / lk. 57 : joon

Elektrische Maschinen : Texte für Energetiker und Elektrotechniker
1987 https://www.ester.ee/record=b1474923*est

Elektritoiteseadmed
Martverk, Peep 1998 https://www.ester.ee/record=b1197935*est

Elektrotehnika aluste ja elektrimasinate instituut
Külm, Evald Teadustegevus / TTÜ 1993 / lk. 37-40

Elektrotehnikas kasutatavad tähised
Risthein, Endel 2008 https://www.ester.ee/record=b2362042*est

"El"-mootor [väikepõllupidajatele]
Eesti Tehnika Seltsi Ajakiri 1921 / lk. 155-157 : fot

EMC education and related problems at Tallinn Technical University [Electronic resource]
Järvik, Jaan; **Janson, Kuno**; **Bolgov, Viktor**; **Kroos, Peep** Proceedings of 5th International Conference 2007 : Compatibility in Power Electronics : 29 May - 1 June 2007, Gdynia, Poland 2007 / [3] p. [CD-ROM] https://ieeexplore.ieee.org/document/4296547

Environmental and life cycle cost analysis of a synchronous reluctance machine [Online resource]
Rassõlkin, Anton; Orlova, Svetlana; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants** 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [5] p. : ill https://doi.org/10.1109/RTUCON.2016.7763127

Environmental considerations in lifecycle based optimization of electrical machines
Vaimann, Toomas; **Kallaste, Ants**; **Bolgov, Viktor**; **Belahcen, Anouar** Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering (EPE) : May 20-22, 2015, Czech Republic 2015 / p. 209-214 : ill
http://dx.doi.org/10.1109/EPE.2015.7161057

Equivalent strain and stress models for the effect of mechanical loading on the permeability of ferromagnetic materials
Rasilo, Paavo; Aydin, Ugur; Martin, Floran; **Belahcen, Anouar**; Kouhia, Reijo; Daniel, Laurent IEEE transactions on magnetics 2019 / art. 2002104, https://doi.org/10.1109/TMAG.2018.2890407

Eriotstarbelised elektrimasinad ja elektromagnetilised juhtimis- ning kontrollseadmed
Mežburd, Volf Tehnikauuringute areng Eesti NSV-s : vabariikliku konverentsi ettekannete teesid Tallinn, 15.-16. oktoober 1986 1986 / lk. 114-116 https://www.ester.ee/record=b1258828*est

Esimene alalisvoolugeneraator pingele üle 1 miljoni voldi
Tehnika Kõigile 1937 / lk. 345 : fot

Estimation of additional losses due to random contacts at the edges of stator of an electrical machine
Shah, Sahas Bikram; Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 1501-1510 : ill http://dx.doi.org/10.1108/COMPEL-02-2015-0083

Exterior-rotor permanent magnet synchronous machine with toroidal windings for unmanned aerial vehicles
Nukki, Rene; **Kilk, Aleksander**; **Kallaste, Ants**; **Vaimann, Toomas**; **Tiimus, Kristjan** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 215-220 : ill

Finite element analysis based technique implementation for fault diagnostic of electrical machines
Akbar, Siddique 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 103-104
https://www.ester.ee/record=b5570906*est

Future trends in design of electrical machines
Kallaste, Ants 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 51-52 https://www.ester.ee/record=b5291755*est

Grafiitlaagrid elektrimootoritele

Tehnika Kõigile 1940 / lk. 120

Hairpin windings manufacturing, design, and AC losses analysis approaches for electric vehicle motors
Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** 2021 11th International Electric Drives Production Conference (EDPC) : 7-9 Dec. 2021 2021 / p. 1-7
https://doi.org/10.1109/EDPC53547.2021.9684208

Hiigla transformaator
Teadus. Tehnika. Raadio 1929 / lk. 17

Hysteresis loss evaluation of additively manufactured soft magnetic core
Tiismus, Hans; **Kallaste, Ants**; **Belahcen, Anouar**; **Rassõlkin, Anton**; **Vaimann, Toomas** 2020 International Conference on Electrical Machines (ICEM), 23-26 august 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 1657-1661
https://doi.org/10.1109/ICEM49940.2020.9270836

Impact of bearing faults on vibration level of BLDC motor
Kudelina, Karolina; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-6 : ill https://doi.org/10.1109/IECON48115.2021.9589268 Conference Proceedings at Scopus Article at Scopus Article at WOS

Improved diagnostic approach for BRB detection and classification in inverter-driven induction motors employing sparse stacked autoencoder (SSAE) and lightGBM
Khan, Muhammad Amir; **Asad, Bilal**; **Vaimann, Toomas**; **Kallaste, Ants** Electronics (Switzerland) 2024 / art. 1292
https://doi.org/10.3390/electronics13071292

Improved sampling algorithm for stochastic modelling of random-wound electrical machines
Lehikoinen, Antti; Chiodetto, Nicola; Arkkio, Antero; **Belahcen, Anouar** The journal of engineering 2019 / p. 3976–3980
https://doi.org/10.1049/joe.2018.8093

Initial design estimation of synchronous machines
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2022 https://doi.org/10.1109/IWED54598.2022.9722585

Installeeritud elektrigeneraatorite võimsused ja produtseeritud energia hulk 1931. a. tööstuste ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1931. a. tegevuse aruanne 1932 / lk. 18-19

Installeeritud elektrigeneraatorite võimsused ja toodetud elektrienergia hulk 1932. aastal tööstuste ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1932. a. tegevuse aruanne 1933 / lk. 18-19

Installeeritud elektrigeneraatorite võimsused ja toodetud elektrienergia hulk 1933. a. tööstuste ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1933. a. tegevuse aruannenne 1934 / lk. 18

Installeeritud elektrigeneraatorite võimsused ja toodetud elektrienergia hulk 1934. a. tööstuste ja algenergia allikate järele : [tabel]
Eesti Tehnikalise Järelvalve Seltsi 1934. aasta tegevuse aruanne 1935 / lk. 28

Installeeritud elektrigeneraatorite võimsused ja toodetud energia 1932. aastal seadete asukohtade ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1932. a. tegevuse aruanne 1933 / lk. 20-24

Installeeritud elektrigeneraatorite võimsused ja toodetud energia 1933. aastal seadete asukohtade ja algenergia allikate järele : [tabel]
Eesti Tehnilise Järelevalve Seltsi 1933. aasta tegevuse aruanne 1934 / lk. 19

Installeeritud elektrigeneraatorite võimsused ja toodetud energia 1934. a. seadete asukohtade ja algenergia allikate järele : [tabel]
Eesti Tehnikalise Järelvalve Seltsi 1934. aasta tegevuse aruanne 1935 / lk. 29

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 2021 / p. 35-36 https://www.ester.ee/record=b5457278*est

Intelligent traction control for electric vechicles using hyperspectral imaging

Valme, Daniil 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 15-16 : ill https://www.ester.ee/record=b5570906*est

IoT based tools and methods for electrical machine diagnostics
Raja, Hadi Ashraf 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 115-116 : ill https://www.ester.ee/record=b5291755*est

IoT based tools and methods for electrical machine diagnostics = Asjade interneti põhised tööriistad ja meetodid elektrimasinate diagnostikaks
Raja, Hadi Ashraf 2023 https://doi.org/10.23658/taltech.20/2023 https://digikogu.taltech.ee/et/Item/3015334f-c32b-43ae-ba2d-bfcda536aba5 https://www.ester.ee/record=b5558656*est

IoT based tools for data acquisition and monitoring of electrical machines
Raja, Hadi Ashraf 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 2021 / p. 85-86 : ill https://www.ester.ee/record=b5457278*est

Karolina Kudelina: andekaid inseneritüdrukuid tuleb julgustada [Võrguväljaanne]
Kudelina, Karolina err.ee 2022 "Karolina Kudelina: andekaid inseneritüdrukuid tuleb julgustada"

3D-prinditud jahuti muudab elektrimasinad töökindlamaks ja tõhusamaks
Sarap, Martin novaator.err.ee 2023 3D-prinditud jahuti muudab elektrimasinad töökindlamaks ja tõhusamaks

3D printimine avab elektrimasinate tootmisel ennenägematuid võimalusi
Vaimann, Toomas Elektriala 2023 / lk. 22-23 : portr., fot https://www.ester.ee/record=b1240496*est

Kolm taotlust
Vallaste, Eino Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 12-13 : fot https://www.ester.ee/record=b4560920*est

Kolmefaasiliste asünkroonmootorite käivitamisest
Rava, R. Tehnika Kõigile 1937 / 1, lk. 25-27; 2, lk. 52-54 : joon

Kõne [elektrotehnika aluste] kateedri 25. aastapäeval 1987. a
Kont, Alar Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 21-26 https://www.ester.ee/record=b4560920*est

Käigukastiga elektrimootorid
Rava, R. Tehnika Kõigile 1940 / lk. 22 : fot

Laboratoorsete tööde ülesanded ja metoodilised juhendid õppeaines "Elektrimasinad" erialadele 0601, 0612, 0628
1978 https://www.ester.ee/record=b1313654*est

Laboratoorsete tööde ülesanded õppeaines "Elektrimasinad" automaatika ja telemehaanika eriala üliõpilastele
1964 https://www.ester.ee/record=b1373998*est

Laboratoorsete tööde ülesanded õppeaines "Elektrimasinad" automaatika ja telemehaanika eriala üliõpilastele
1969 https://www.ester.ee/record=b1339948*es

Laboratory development system for electrical drives and industrial process control
Lehtla, Tõnu; **Joller, Jüri** Automaatio 97, 23.-25.9.1997, Helsinki, Finland : esitelmien lyhennelmät 1997 / p. 191

Laser additively manufactured magnetic core design and process for electrical machine applications
Tiismus, Hans; **Kallaste, Ants**; **Vaimann, Toomas**; **Lind, Liina**; Virro, Indrek; **Rassõlkin, Anton**; **Dedova, Tatjana** Energies 2022 / art. 3665 https://doi.org/10.3390/en15103665 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Life cycle analysis of electrical motor-drive system based on electrical machine type
Rassõlkin, Anton; **Belahcen, Anouar**; **Kallaste, Ants**; **Vaimann, Toomas**; **Heidari, Hamidreza**; **Asad, Bilal** Proceedings of the Estonian Academy of Sciences 2020 / p. 162–177 : ill https://doi.org/10.3176/proc.2020.2.07 journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lifecycle-based design and optimization of electrical motor-drives - challenges and possibilities
Vaimann, Toomas; **Kallaste, Ants**; **Kilk, Aleksander**; **Belahcen, Anouar** The 3rd International Conference on Electric Power and Energy Conversion Systems (EPECS 2013) : [proceedings] 2013 / p. 1-4 : ill

Loss model for the effects of steel cutting in electrical machines
Sundaria, Ravi; Nair, D. G.; Lehikoinen, Antti; Arkkio, Antero; **Belahcen, Anouar** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 2018 / p. 1260–1266 : ill
http://doi.org/10.1109/ICELMACH.2018.8506822

Magneeto
Prükkel, R. Tehnika Kõigile 1937 / lk. 289-290 : joon

Magnetic properties of reduced Dy NdFeB permanent magnets and their usage in electrical machines
Vaimann, Toomas; **Kallaste, Ants**; **Kilk, Aleksander**; **Belahcen, Anouar** IEEE AFRICON 2013 : [proceedings] 2013 / p. 1124-1128 : ill

Material properties for 3D printing electrical machines
Tiismus, Hans 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 139-140
https://www.ester.ee/record=b5183874*est

Mechanical vibration analysis of induction machine under dynamic rotor eccentricity [Electronic resource]
Sobra, Jan; **Vaimann, Toomas**; **Belahcen, Anouar** 2016 17th International Scientific Conference on Electric Power Engineering (EPE) : proceedings 2016 / [4] p. : ill. [USB] https://doi.org/10.1109/EPE.2016.7521732

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

Metoodiline juhend kursuseprojektide koostamiseks õppeaines "Elektrimasinad" : elektrimasinate ja -aparaatide, elektriajamite ja tööstusseadmete automatiseerimise, elektrijaamade ning elektrisüsteemide ja -võrkude eriala üliõpilastele
1975 https://www.ester.ee/record=b1326767*est

Metoodiline juhend kursuseprojektide koostamiseks õppeaines "Elektrimasinad" : elektrimasinate ja -aparaatide, elektriajamite ja tööstusseadmete automatiseerimise, elektrijaamade ning elektrisüsteemide ja -võrkude eriala üliõpilastele
1973 https://www.ester.ee/record=b1315828*est

Metoodiline juhend kursuseprojektide koostamiseks õppeaines "Elektrimasinad" : elektrimasinate ja -aparaatide, elektriajamite ja tööstusseadmete automatiseerimise, elektrijaamade ning elektrisüsteemide ja -võrkude eriala üliõpilastele
1977 https://www.ester.ee/record=b1293169*est

Mixed-order finite-element modeling of magnetic material degradation due to cutting
Sundaria, Ravi; Lehikoinen, Antti; Hannukainen, Antti; Arkkio, Antero; **Belahcen, Anouar** IEEE transactions on magnetics 2018 / art. 7402008, 8 p. : ill http://dx.doi.org/10.1109/TMAG.2018.2811385

Modeling of hysteresis losses in ferromagnetic laminations under mechanical stress
Rasilo, Paavo; Singh, Deepak; Aydin, U.; Martin, Floran; Kouhia, Reijo; **Belahcen, Anouar**; Arkkio, Antero IEEE transactions on magnetics 2016 / art. 7300204, [4] p. : ill http://dx.doi.org/10.1109/TMAG.2015.2468599

Modelling EVs in residential distribution grid with other nonlinear loads [Electronic resource]
Niitsoo, Jaan; **Taklaja, Paul**; **Palu, Ivo**; **Kiitam, Ivar** 2015 IEEE 15th International Conference on Environment and Electrical Engineering : conference proceedings : June 10-13, 2015, Rome 2015 / p. 1543-1548 : ill. [CD-ROM]
http://dx.doi.org/10.1109/EEEIC.2015.7165401

Modified initial design procedure for synchronous reluctance motor
Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassõlkin, Anton** 2022 International Conference on Electrical Machines (ICEM) 2022 / p. 1969-1975 https://doi.org/10.1109/ICEM51905.2022.9910594

Mootori süüteseadeid
Volberg, A. Põllumajandus-tehniline käsiraamat kalender 1930 1930 / lk. 104-172 : joon

Mootori võimest
Elektrik 1935 / lk. 24-25 : joon

Mootorite ja transformaatorite korrashoid : praktilisi näpunäiteid mähkimistöödeks
Elektrik 1937 / 11, lk. 193-194; 12, lk. 214-215; 13/14, lk. 236-239 : joon

Naine, kes muudab maailma: noor teadlane loob süsteemi, mis ennetab elektrimasinate rikkeid [Võrguväljaanne]
Keba, Triinu delfi.ee 2022 Naine, kes muudab maailma: noor teadlane loob süsteemi, mis ennetab elektrimasinate rikkeid

Necessity for implementation of inverse problem theory in electric machine fault diagnosis
Vaimann, Toomas; **Belahcen, Anouar**; **Kallaste, Ants** SDEMPED 2015 : 10th IEEE International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives : Guarda, Portugal, September 1-4, 2015 : proceedings 2015 / p. 380-385 : ill
http://dx.doi.org/10.1109/DEMPED.2015.7303718

Noorteadlane: naise koht ei ole köögis
Kudelina, Karolina Äripäev 2022 / lk. 23 : fot Äripäev 20220630

Object-oriented electric drive development technology
Vodovozov, Valery; **Laugis, Juhan** [Proceedings of the] International Electric Machines and Drives Conference : IEMDC'07 : May 3-5, 2007, Antalya, Turkey 2007 / p. 1215-1219 : ill

Oil spray cooling system in electrical machine
Shams Ghahfarokhi, Payam 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 2022 / p. 11-12 : ill
https://www.ester.ee/record=b5457278*est

Open source dataset generator for power quality disturbances with deep-learning reference classifiers
Machlev, Ram; Chachkes, A.; **Belikov, Juri**; Beck, Yuval; Levron, Yoash Electric power systems research 2021 / art. 107152, 7 p. : ill
https://doi.org/10.1016/j.epsr.2021.107152 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Opportunities and challenges of utilizing additive manufacturing approaches in thermal management of electrical machines
Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; **Kallaste, Ants**; Cardoso, Antonio J. Marques; **Belahcen, Anouar**; **Vaimann, Toomas**; **Tiismus, Hans**; **Asad, Bilal** IEEE Access 2021 / art. 9364970, p. 36368-36381 : ill
https://doi.org/10.1109/ACCESS.2021.3062618 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Orthogonal interpolation method for order reduction of a synchronous machine model
Far, Mehrnaz Farzam; Martin, Floran; **Belahcen, Anouar**; Montier, Laurent; Henneron, Thomas IEEE transactions on magnetics 2018 / 8100506, p. 1-6 : ill https://doi.org/10.1109/TMAG.2017.2768328 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Output filter design for grid connected single phase three-level quasi-Z-source inverter [Electronic resource]
Husev, Oleksandr; **Stepenko, Serhii**; Roncero-Clemente, Carlos; **Vinnikov, Dmitri**; Romero-Cadaval, Enrique CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings 2013 / p. 46-51 : ill [CD-ROM]

Overview of control methods of reluctance machines with sensors and sensorless
Melentjev, Sergei; **Belahcen, Anouar**; **Kallaste, Ants**; **Vaimann, Toomas** 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 26-29 : ill

Performance evaluation of dual rotor yokeless stator axial flux switched reluctance machine
Hussain, Shahid 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 41-42 : ill
https://www.ester.ee/record=b5570906*est

Performance of additively manufactured prototype transformer core
Tiismus, Hans 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 2021 / p. 41-42 : ill https://www.ester.ee/record=b5457278*est

Possible manufacturing tolerance faults in design and construction of low speed slotless permanent magnet generator
Kallaste, Ants; **Vaimann, Toomas**; **Belahcen, Anouar** 2014 16th European Conference on Power Electronics and Applications (EPE'14-ECCE Europe) : Lappeenranta, Finland, 26-28 August 2014. Vol. 4 2014 / p. 3073-3082 : ill

Praktilisi andmeid elektrimootorite toitejuhtmete minimaalpõiklõigete määramiseks ja kaitsmete suuruse valikuks
Freymuth, H. Tehnika Kõigile 1936 / lk. 17

Preliminary analysis of bearing current faults for predictive maintenance
Kudelina, Karolina 22nd International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 35-36 : ill
https://www.ester.ee/record=b5570906*est

Preliminary analysis of soft magnetic material properties for additive manufacturing of electrical machines

Tiismus, Hans; **Kallaste, Ants**; **Rassõlkin, Anton**; **Vaimann, Toomas** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 270-275 : ill https://www.scientific.net/KEM.799.270 https://www.ester.ee/record=b5235278*est https://doi.org/10.4028/www.scientific.net/KEM.799.270 Conference proceeding at Scopus Article at Scopus

Production and properties of additively manufactured electrical machine cores = Kihtlisandus meetodil valmistatud elektrimasinate magnetsüdamikud ja nende omadused
Tiismus, Hans 2022 https://doi.org/10.23658/taltech.49/2022 https://digikogu.taltech.ee/et/Item/1a6cde04-f268-42c1-95d7-b9a43dd70046 https://www.ester.ee/record=b5511687*est

Prototype induction motor core preparation with laser additive manufacturing
Tiismus, Hans 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. 35-36 : ill https://www.ester.ee/record=b5504019*est

Pöörlevad elektrimasinad
2009 https://www.ester.ee/record=b2537047*est

Pöörlevad elektrimasinad
2006 https://www.ester.ee/record=b2223362*est

Pöörlevad elektrimasinad. Osa 1, Tunnussuurused ja talitlusviisid = Rotating electrical machines. Part 1, Rating and performance (IEC 60034-1:2010, modified)
2011 https://www.ester.ee/record=b2743023*est

Pöörlevate elektrimasinate diagnostika staatorisignaalide analüüsi meetodil
Vaimann, Toomas; **Kallaste, Ants**; **Kilk, Aleksander** Taastuvate energiaallikate uurimine ja kasutamine : neljateistkümnenda konverentsi kogumik = Investigation and Usage of Renewable Energy Sources : fourteenth conference proceedings : [8. nov. 2012, Tartu] 2012 / lk. 78-87 : ill

Raadiosüsteemide elektrotehnilised seadmed. 1. vihik : elektromagneetilised seadmed : alusmaterjal loengukonspekti koostamiseks = Электротехнические устройства радиосистем. 1 тетрадь. Электромагнитные устройства. Исходный материал для составления конспектов лекций
1988 https://www.ester.ee/record=b1240347*est

Re-use and recycling of different electrical machines
Rassõlkin, Anton; **Kallaste, Ants**; Orlova, Svetlana; **Gevorkov, Levon**; **Vaimann, Toomas**; **Belahcen, Anouar** Latvian journal of physics and technical sciences 2018 / p. 13-23 : ill https://doi.org/10.2478/lpts-2018-0025 Journal metrics at Scopus Article at Scopus

Review of electrical machine diagnostic methods applicability in the perspective of Industry 4.0
Asad, Bilal; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants**; **Belahcen, Anouar** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 108–116 : ill https://doi.org/10.2478/ecce-2018-0013

A review of optimization methods for electrical machines design
Andriushchenko, Ekaterina 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 101-102 : ill https://www.ester.ee/record=b5291755*est

Review of the analytical flow model to predict the hydraulic behaviour in electrical machine
Ghahfarokhi, Payam Shams; **Kallaste, Ants**; **Vaimann, Toomas**; **Belahcen, Anouar** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill https://doi.org/10.1109/PQ.2019.8818271

Review of thermal analysis of permanent magnet assisted synchronous reluctance machines
Ghahfarokhi, Payam Shams; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas**; **Rassõlkin, Anton** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 219-224 https://doi.org/10.1109/PQ.2016.7724116

Robust design optimization and emerging technologies for electrical machines: challenges and open problems
Orosz, Tamas; **Rassõlkin, Anton**; **Kallaste, Ants**; Arsenio, Pedro; Panek, David; Kaska, Jan; Karban, Pavel Applied sciences 2020 / art. 6653, 33 p. : ill https://doi.org/10.3390/app10196653 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Rotational single sheet tester for multiaxial magneto-mechanical effects in steel sheets
Aydin, Ugur; Martin, Floran; Rasilo, Paavo; **Belahcen, Anouar** IEEE transactions on magnetics 2019 / art. 2001810, 10 p. : ill https://doi.org/10.1109/TMAG.2018.2889238

Segregation of iron losses from rotational field measurements and application to electrical machine
Belahcen, Anouar; Rasilo, Paavo; Arkkio, Antero IEEE transactions on magnetics 2014 / p. 893-896 : ill

Sensorless detection of induction motor faults using the clarke vector approach
Vaimann, Toomas; **Kallaste, Ants**; **Kilk, Aleksander** Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2011 / p. 43-48 : ill
https://www.researchgate.net/publication/258547195_Sensorless_Detection_of_Induction_Motor_Rotor_Faults_Using_the_Clarke_Vector_Approach

Soojuse siirdetegur ülepuhumisel
Võrk, Hans Roland Eesti Põllumajanduse Akadeemia teaduslike tööde kogumik 1961 / lk. 124-133: ill
https://www.ester.ee/record=b4271227*est

State of the art of additively manufactured electromagnetic materials for topology optimized electrical machines
Tiismus, Hans; **Kallaste, Ants**; **Vaimann, Toomas**; **Rassõlkin, Anton** Additive manufacturing 2022 / art. 102778, 19 p. : ill
https://doi.org/10.1016/j.addma.2022.102778 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

State-of-the-Art techniques for fault diagnosis in electrical machines: Advancements and future directions
Akbar, Siddique; **Vaimann, Toomas**; **Asad, Bilal**; **Kallaste, Ants**; **Sardar, Muhammad Usman**; **Kudelina, Karolina** Energies 2023 / Art. 6345 https://doi.org/10.3390/en16176345

Steady-state thermal modeling of salient pole synchronous generator
Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; **Kallaste, Ants**; Cardoso, Antonio J. Marques; Belahcen, Anouar; **Vaimann, Toomas**; Kudrjavtsev, Oleg; **Asad, Bilal**; **Iqbal, Muhammad Naveed** Energies 2022 / art. 9460 https://doi.org/10.3390/en15249460 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A survey of broken rotor bar fault diagnostic methods of induction motor
Asad, Bilal; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants**; **Belahcen, Anouar** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2018 / p. 117–124 : ill https://doi.org/10.2478/ecce-2018-0014

Teadusliku töö suundadest elektrimasinate kateedris
Kont, Alar Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 10-12
https://www.ester.ee/record=b4560920*est

Teaduspreemia tehnikateaduste alal tööde tsükli "Kihtlisandustehnoloogial põhinevad elektrimasinad" eest : Toomas Vaimann, Anton Rassõlkin, Ants Kallaste (kollektiivi juht) ja Hans Tiismus
Vaimann, Toomas; **Rassõlkin, Anton**; **Kallaste, Ants**; **Tiismus, Hans** Eesti Vabariigi preemiad 2022 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2022 / lk. 130-145 : ill., fot https://www.ester.ee/record=b1226072*est

Technologies for additive manufacturing of electrical machines
Tiismus, Hans; **Kallaste, Ants**; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Belahcen, Anouar** 2019 20th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM) 2019 / p. 651-655 : ill
https://doi.org/10.1109/EDM.2019.8823462

Tee ühe unistuse täitumise juurde : [TTÜ elektrotehnika aluste ja elektrimasinate instituudi haridustehnoloogi Heljut Kaldat küsitles TTÜ haridustehnoloogia keskuse haridustehnoloog Merike Saar]
Kalda, Heljut E-õppe uudiskiri 2011 / lk. 8-9 : fot

Tehnoloogia ja ajamid
Lahtmets, Rain 2006 https://www.ester.ee/record=b2171348*est

Tehnoloogia ja ajamid
Lahtmets, Rain 2008 https://www.ester.ee/record=b2458261*est

A test bench to study propulsion drives of electric vehicles [Electronic resource]
Rassõlkin, Anton; **Vodovozov, Valery** CPE 2013 : 2013 International Conference on Compatibility and Power Electronics (CPE) : June 5-7, 2013, Ljubljana, Slovenia : conference proceedings 2013 / p. 275-279 : ill [CD-ROM]

A test bench to study propulsion drives of electric vehicles with a supercapacitor storage system [Electronic resource]
Rassõlkin, Anton; **Vodovozov, Valery** Международная Научно-Техническая Конференция "Силовая Электроника и Энергоэффективность" : 23-27.IX 2013, Алушта, Крым 2013 / [3] p. : ill [CD-ROM]

The design process of electrical machines from the standpoint of additive manufacturing
Naseer, Muhammad Usman 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. 33-34 : ill
https://www.ester.ee/record=b5504019*est

The modeling and investigation of slot skews and supply imbalance on the development of principal slotting harmonics in squirrel cage induction machines
Asad, Bilal; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants**; **Rassõlkin, Anton**; Khang, Huynh Van; **Ghahfarokhi, Payam Shams**; **Naseer, Muhammad Usman**; **Iqbal, Muhammad Naveed** IEEE Access 2021 / p. 165932-165946 https://doi.org/10.1109/ACCESS.2021.3134331 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal analysis of salient pole synchronous machines by multiple model planes approach
Shams Ghahfarokhi, Payam; **Kallaste, Ants**; Podgornovs, Andrejs; **Belahcen, Anouar**; **Vaimann, Toomas**; Kudrjavtsev, Oleg 2020 International Conference on Electrical Machines (ICEM), 23-26 august 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 1511–1517 https://doi.org/10.1109/ICEM49940.2020.9270753

Thermal analysis of the PM generator with outer rotor for wind turbine application
Kudrjavtsev, Oleg; **Kilk, Aleksander**; **Vaimann, Toomas** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 229-232 : ill https://doi.org/10.1109/PQ.2016.7724118

Thermal modeling of a TEFC synchronous reluctance motor
Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; **Kallaste, Ants**; **Belahcen, Anouar**; **Vaimann, Toomas** 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 15-17 Nov. 2021 : conference proceedings 2021 / 4 p. : ill https://doi.org/10.1109/RTUCON53541.2021.9711740

Thermographic measurement and simulation of power losses due to interlaminarcontacts in electrical sheets
Shah, Sahas Bikram; Osemwinyen, Osaruyi; Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero IEEE transactions on instrumentation and measurement 2018 / p. 2628–2634 : ill https://doi.org/10.1109/TIM.2018.2829321

3-D eddy current analysis in steel laminations of electrical machines as a contribution for improved iron loss modeling
Handgruber, Paul; Stermecki, Andrej; Biro, Oszkar; **Belahcen, Anouar**; Dlala, Emad Proceedings : 2012 XXth International Conference on Electrical Machines : Palais des Congrès et des Expositions de Marseille Marseille, France, 02-05 September, 2012 2012 / p. 16-22 : ill https://ieeexplore.ieee.org/document/6510501

3D printing of electrical machines is a cutting-edge research in TalTech [Electronic resource]
Kallaste, Ants; **Vaimann, Toomas** Research in Estonia 2021 / 1 p. : ill https://researchinestonia.eu/2021/10/14/3d-printing-of-electrical-machines-is-a-cutting-edge-research-in-taltech/

To study propulsion drives : test bench with supercapacitor storage
Rassõlkin, Anton; **Vodovozov, Valery** Энергосбережение, энергетика, энергоаудит = Energy saving, power engineering, energy audit 2013 / p. 65-70 : ill

Tootmispraktika läbiviimisest elektrimasinate ja aparaatide erialal
Liin, Heljut Õppemetoodika küsimusi ; 10 1973 / lk. 164-167 https://www.ester.ee/record=b1346720*est

TPI eriala "Elektrimasinad" (0601)
Kilk, Aleksander Elektrotehnika aluste ja elektrimasinate instituut 50 : infokilde tänapäevast ja möödunust 2016 / lk. 14-15

Исследование релейного режима трехступенчатого электромашинного усилителя продольного поля
Samolevski, Georg 1958 https://www.ester.ee/record=b1560117*est https://digikogu.taltech.ee/et/Item/2377e2c7-aa84-4825-8c46-53e9d357d9b5

Нелинейные элементы в цепях электромашинного усилителя продольного поля
Samolevski, Georg 1960 https://www.ester.ee/record=b1415953*est https://digikogu.taltech.ee/et/Item/e2f1a6ff-c0a9-4781-bcf0-bffec6ed3ba5

Trafo muutub väiksemaks ja nutikamaks : [koostööst TTÜ ja Poola Mereakadeemia teadlaste vahel]
Imeline Teadus 2014 / lk. 101

Uncertainty propagation of iron loss from characterization measurements to computation of electrical machines
Belahcen, Anouar; Rasilo, Paavo; Nguyen, Thu-Trang; Clénet, Stephane COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 624-636 : ill http://dx.doi.org/10.1108/COMPEL-10-2014-0271

Valimik elektrimasinatealaseid jooniseid = Набор рисунков по электрическим машинам
1988 https://www.ester.ee/record=b1061851*est

Valimik elektrimasinatealaseid jooniseid
1992 https://www.ester.ee/record=b1061851*est

Vibration as fault indicator in electrical machines
Farzam Far, Mehrnaz; **Belahcen, Anouar**; Arkkio, Antero; Roivainen, Janne Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 120-125 : ill

Üheankruga voolumuutja
Elektrik 1936 / lk. 159-162 : joon

Üheankrumuundaja
Voot, E. Tehnika Kõigile 1940 / lk. 88-89 : joon., fot

Ühefaasiline mootor põllumajanduses
Tehnika Kõigile 1939 / lk. 84 : fot

Ülevaade viimaste aastate saavutustest dünamomasinate ehituse alal
Eesti Tehnika Seltsi Ajakiri 1922 / 3, lk. 46-48; 4/5, lk. 54-58

Главные индуктивности электрической машины с разомкнутым магнитопроводом
Jänes, Hans Исследование и проектирование индукционных насосов для транспорта жидких металлов : сборник трудов. 1 1962 / с. 63-84 : илл https://www.ester.ee/record=b2100656*est https://digikogu.taltech.ee/et/Item/b0ebc529-0556-472c-9f71-a6a62666fb1e

Задания к лабораторным работам по курсу "Электрические машины"
1970 https://www.ester.ee/record=b2318155*est

Задания к лабораторным работам по курсу "Электрические машины"
1972 https://www.ester.ee/record=b1399034*est

Задания к лабораторным работам по курсу "Электрические машины" : для студентов специальности "Автоматика и телемеханика"
1965 https://www.ester.ee/record=b1379225*est

Индуктивное сопротивление рассеяния лобовых частей обмотки "явнополюсного" индукционного вращателя
Vallaste, Eino Исследование и проектирование электромагнитных средств перемещения жидких металлов. 15 1978 / с. 33-46 : илл https://www.ester.ee/record=b1409159*est https://digikogu.taltech.ee/et/Item/132475a4-e587-47b8-a1c6-9179a1c1761b

Инженерная методика расчета управляемого реактора
Reiner, Ardi; **Tellinen, Juhan**; **Järvik, Jaan** Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения 1978 / с. 31-43 : илл https://www.ester.ee/record=b1346523*est https://digikogu.taltech.ee/et/Item/a244ed16-2990-4904-9ca3-15c6823a6050

Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения
1978 https://www.ester.ee/record=b1522065*est https://digikogu.taltech.ee/et/Item/5d93e987-0288-4835-b06f-b5525aea2c1b

Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения
1978 https://www.ester.ee/record=b1346523*est https://digikogu.taltech.ee/et/Item/a244ed16-2990-4904-9ca3-15c6823a6050

Комбинированный расчет главных индуктивностей электрической машины с разомкнутом магнитопроводом
Jänes, Hans; **Kont, Alar** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 75 https://www.ester.ee/record=b1359832*est

Комбинированный расчет главных индуктивностей электрической машины с разомкнутым магнитопроодом
Jänes, Hans; **Kont, Alar** Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 2 1964 / с. 23-36 : илл https://www.ester.ee/record=b2100528*est https://digikogu.taltech.ee/et/Item/882f07f6-3851-473d-b12b-e7af7990706d

Концентрация и специализация капитального ремонта электродвигателй в Эстонской ССР
Rajangu, Väino Проблемы совершенствования управления народным хозяйством и повышения эффективности общественного производства : тезисы докладов второй научной конференции молодых ученых Прибалтийских республик 1975 / с. 61-63 https://www.ester.ee/record=b3545610*est

Концентрировать ремонт электродвигателей предприятий Эстонской ССР
Rajangu, Väino Промышленная энергетика : ежемесячный производственно-технический журнал 1975 / с. 34 https://www.ester.ee/record=b2151157*est

Магнитомягкие композиционные материалы для электрических машин малой мощности

Ritso, Aadu; **Siimar, Rein** Тезисы докладов IV Всесоюзной научно-технической конференции "Новые технологические процессы и оборудование для производства электрических машин малой мощности" (г. Тбилиси, 3-5 октября 1979 г.) 1980 / с. 53-54

Маломощный управляемый реактор в фазосдвигающем устройстве тиристорного преобразователя
Mihhalski, R.; **Reiner, Ardi**; **Lahtmets, Rain**; **Järvik, Jaan** Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения 1978 / с. 57-64 : илл https://www.ester.ee/record=b1346523*est https://digikogu.taltech.ee/et/Item/a244ed16-2990-4904-9ca3-15c6823a6050

Модернизация машины для испытаний на изнашивание типа "МИ" и методика испытания
Jansikene, I.; **Mosberg, Rudolf** X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 39 https://www.ester.ee/record=b1749611*est http://www.digar.ee/id/nlib-digar:376945

Некоторые общие вопросы методологии определения индуктивностей рассеяния электрических машин и их применение к асинхронным и синхронным машинам; Намагничивающие силы трехфазных дробных обмоток
Voldek, Aleksander Труды Ленинградского политехнического института 1960 / с. 241-253; 254-280: ил

Несимметрия фаз и роль составляющих обратной и нулевой последовательностей в электрической машине с разомкнутым магнитопроводом
Jänes, Hans; **Kont, Alar** Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 2 1964 / с. 37-41 https://www.ester.ee/record=b2100528*est https://digikogu.taltech.ee/et/Item/882f07f6-3851-473d-b12b-e7af7990706d

Новые магнитомягкие материалы для производства статоров и роторов электродвигателей переменного тока
Laansoo, Andres; **Ritso, Aadu**; **Siimar, Rein**; **Liimann, Väino** Обмен производственно-техническим опытом 1987 / с. 12-18

Новый материал позволяющей изготовить сердечники электрических машин с минимальным расходом железа
Ritso, Aadu; **Bussel, Oleg**; **Siimar, Rein** Прогрессивные методы порошковой металлургии в машиностроении : Тезисы докладов III уральской зональной научно-техничечской конференции 1980 / с. 77-78

О возможностях использования магнитодиэлектриков в магнитопроводах электрических микромашин
Varik, Lembit-Heino; **Laansoo, Andres**; **Masing, Juhan**; **Pakkas, Loit**; **Ritso, Aadu**; **Samolevski, Georg** Электромеханика. 5 1974 / с. 11-26 : илл https://www.ester.ee/record=b2190666*est https://digikogu.taltech.ee/et/Item/6827b5ca-030f-4eae-87e4-93c1fa0f4395

О методике расчета тепловых переходных процессов линейных электрических машин
Risthein, Endel Расчет электромагнитных и тепловых режимов магнитогидродинамических и линейных электродвигателей 1980 / с. 71-77

О параметрах мостовой схемы температурной стабилизации электромашинного усилителя с поперечным полем
Samolevski, Georg Труды по электротехнике и автоматике : сборник статей. 5 1967 / с. 103-113 : илл https://www.ester.ee/record=b2182187*est https://digikogu.taltech.ee/et/Item/a4d66fdf-69d6-487a-a6ee-1ffce266f2ad

О применении графов в теории электрических машин
Mežburd, Volf Известия высших учебных заведений. Электромеханика : учебно-образовательный и научно-технический журнал 1970 / с. 851-856 https://www.ester.ee/record=b2144327*est

О применении магнитомягких композиционных материалов в качестве магнитопроводов электрических машин
Ritso, Aadu; **Laansoo, Andres**; **Siimar, Rein**; **Drozdov, A.** Тезисы докладов VI Всесоюзной научно-технической конференции "Новые технологические процессы и оборудование для производства электрических машин малой мощности" : (г. Тбилиси, 1-4 июня 1983 г.) 1983 / с. 69-70 https://www.ester.ee/record=b2190535*est

О распределении магнитного поля в воздушном зазоре торцовой электрической машины переменного тока
Samolevski, Georg; **Vares, N.** Электромеханика. 1 1968 / с. 51-57 : илл https://www.ester.ee/record=b2182216*est https://digikogu.taltech.ee/et/Item/6cdb2b6d-add8-4272-9651-f23d80461d68

Обзор низкоскоростных генераторов с постоянными магнитами для ветряных установок
Rassõlkin, Anton; **Kallaste, Ants**; **Vaimann, Toomas**; Savrajev, Igor Вестник Псковского государственного университета. Технические науки 2016 / с. 58-68

Оптимизация управляемого реактора
Tellinen, Juhan; **Järvik, Jaan** Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения 1978 / с. 45-56 : илл https://www.ester.ee/record=b1346523*est https://digikogu.taltech.ee/et/Item/a244ed16-2990-4904-9ca3-15c6823a6050

Порошковые магнитомягкие композиционные материалы для электромашиностроения : [монография]

Laansoo, Andres 1991 https://www.ester.ee/record=b1061777*est

Распределение магнитного поля прямоугольной катушки
Vallaste, Eino; **Jänes, Hans** Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 2 1964 / с. 79-89 : илл https://www.ester.ee/record=b2100528*est https://digikogu.taltech.ee/et/Item/882f07f6-3851-473d-b12b-e7af7990706d

Способы создания тихоходных безредукторных микродвигателей
Võrk, Rein; **Kaasik, Paul**; Пухов, А.; Шакиров, М. Электрические машины и электропривод малой мощности 1966 / с. 53-63: ил https://www.ester.ee/record=b2730578*est

Температурная зависимость параметров электромашинного усилителя с продольным полем в динамическом режиме
Samolevski, Georg Электромеханика. 1 1968 / с. 41-49 https://www.ester.ee/record=b2182216*est https://digikogu.taltech.ee/et/Item/6cdb2b6d-add8-4272-9651-f23d80461d68

Универсальный следящий имитатор нагрузки постоянного тока
Agur, Ustus 1961 https://www.ester.ee/record=b1364831*est https://digikogu.taltech.ee/et/Item/7d0cae03-9ef6-4774-8e4d-b7142bee6d54

Цифровая модель магнитной цепи с вращающимся магнитным полем
Julegin, A.N.; **Järvik, Jaan** Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения 1978 / с. 17-31 : илл https://www.ester.ee/record=b1522065*est https://digikogu.taltech.ee/et/Item/5d93e987-0288-4835-b06f-b5525aea2c1b

Чешуйчатые магнитодиэлектрики для магнитопроводов электрических машин и аппаратов
Ritso, Aadu; **Laansoo, Andres** Исследование, разработка и внедрение магнитодиэлектриков в электропромышленности : Тезисы докладов на научно-технической конференции в г. Харькове. [21-22 ноября 1972 г.] 1972 / с. 19-20

Чешуйчатые магнитомягкие композиционные материалы для магнитопроводов электрических машин
Ritso, Aadu; **Randmer, Uudus-Gerhard**; **Siimar, Rein** Всесоюзная конференция по вопросам порошковой металлургии. Тезисы докладов XIV Всесоюзной конференции по порошковой металлургии (г. Ташкент, 1979 г.) 1979 / с. 183-184

Электрические машины : задачи для контрольных работ и методические указания
1972 https://www.ester.ee/record=b1336480*est

Электрические машины : методические указания по курсовому проектированию для специальностей: "Электрические машины и аппараты", "Электропривод и автоматизация промышленных установок", "Электрические станции", "Электрические системы и сети"
1975 https://www.ester.ee/record=b1326660*est

Электрические машины : программа и методические указания к лабораторным работам
1982 https://www.ester.ee/record=b1264716*est

Электрические машины : [учебник для втузов]
Voldek, Aleksander 1974 https://www.ester.ee/record=b1539619*est

Электрические машины : [учебник для энергетических и электротехнических вузов и факультетов]
Voldek, Aleksander 1966 https://www.ester.ee/record=b1539622*est

Электрические машины и электромагнитные устройства управления и контроля специального назначения
Mežburd, Volf Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 122-125 https://www.ester.ee/record=b1231513*est

Электрические машины. Введение в электромеханику. Машины постоянного тока и трансформаторы : [учебник для студентов вузов, обучающихся по направлению подготовки «Электротехника, электромеханика и электротехнологии» и «Электроэнергетика»]
Voldek, Aleksander; Popov, Viktor 2007 https://www.ester.ee/record=b2192799*est

Электрические машины. Машины переменного тока : [учебник для студентов высших учебных заведений]
Voldek, Aleksander; Popov, Viktor 2008 https://www.ester.ee/record=b2386045*est

Электромашинные и электромагнитные устройства автоматики : руководство к курсовому проектированию для студентов специальности 0606
Ross, Heino; **Peterson, Jaak** 1985 https://www.ester.ee/record=b1227198*est

Электромеханика

Võrk, Rein; **Varik, Lembit-Heino**; **Samolevski, Georg**; **Vagane, Valdur**; **Tellinen, Juhan**; **Järvik, Jaan**; **Kala, Ülo**; **Reiner, Ardi**; **Sepping, Eino**; **Treufeld, Jüri**; Egel, A. 1979 https://www.ester.ee/record=b1271276*est

Электромеханика
Võrk, Rein; **Varik, Lembit-Heino**; **Laansoo, Ants**; **Ritso, Aadu**; **Roninson, Aleksander**; **Samolevski, Georg**; **Siimar, Rein**; **Kalda, Heljut**; **Lahtmets, Rain**; Litvin, V.D.; **Järvik, Jaan**; **Mežburd, Volf**; **Risthein, Endel**; **Lootus, Jaan**; **Treufeld, Jüri** 1980 https://www.ester.ee/record=b1312090*est

Электромеханика
Võrk, Rein; **Kalda, Heljut**; **Lahtmets, Rain**; **Mežburd, Volf**; **Tellinen, Juhan**; **Järvik, Jaan**; **Lootus, Jaan**; **Treufeld, Jüri**; **Irs, Rein**; **Sepping, Eino**; **Tomson, Jaan**; Saks, K.; **Kõiv, Ants-Kaspar**; **Rosman, Tarmo** 1981 https://www.ester.ee/record=b1319107*est

Электромеханика
Võrk, Rein; **Kalda, Heljut**; **Mežburd, Volf**; **Tellinen, Juhan**; **Pool, Ain-Matt**; **Järvik, Jaan**; **Varik, Lembit-Heino**; **Roninson, Aleksander**; **Vinnal, Toomas**; Tõnuri, I.; **Risthein, Endel**; **Janson, Kuno** 1983 https://www.ester.ee/record=b1271915*est

Якоря микроэлектродвигателей постоянного тока, спрессованные из железного порошка
Ritso, Aadu; **Laansoo, Andres** Электротехническая промышленность. Электротехнические материалы : реферативный научно-технический сборник 1971 / с. 10-12 https://www.ester.ee/record=b2896291*est