

Current source inverter-fed AC-motor drive

Tuusa, Heikki Тезисы докладов семинара "Новые направления научных исследований в области электромеханики" 1991 / с. 20-24.: ил

Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; **Kallaste, Ants;** Cardoso, Antonio J. Marques; Belahcen, Anouar; **Vaimann, Toomas;** **Asad, Bilal;** **Tiismus, Hans** Machines 2021 / art. 120 <https://doi.org/10.3390/machines9060120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of heat transfer coefficient of finned housing of a TEFC variable speed motor

Shams Ghahfarokhi, Payam; **Kallaste, Ants;** Podgornovs, Andrejs; **Belahcen, Anouar;** **Vaimann, Toomas;** **Asad, Bilal** Electrical Engineering 2021 / p. 1009–1017 : ill <https://doi.org/10.1007/s00202-020-01132-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diagnostic possibilities of induction motor bearing currents

Kudelina, Karolina; **Vaimann, Toomas;** **Rassõlkin, Anton;** **Kallaste, Ants;** **Demidova, Galina;** Karpovich, Dzmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462298>

Digital Twin service unit for AC motor stator inter-turn short circuit fault detection

Rjabtšikov, Viktor; **Rassõlkin, Anton;** **Asad, Bilal;** **Vaimann, Toomas;** **Kallaste, Ants;** **Kuts, Vladimir;** **Jegorov, Sergei;** Stępien, Mariusz; Krawczyk, Mateusz 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 <https://doi.org/10.1109/IWED52055.2021.9376328>

Feed drive of a lathe

Egorov, Mikhail; **Vinnikov, Dmitri;** **Vodovozov, Valery** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 163-169 : ill

Hairpin windings for electric vehicle motors : modeling and investigation of AC loss-mitigating approaches

Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Kallaste, Ants;** Belahcen, Anouar; **Vaimann, Toomas** Machines 2022 / art. 1029 <https://doi.org/10.3390/machines10111029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Induction motor bearing currents - causes and damages

Kudelina, Karolina; **Vaimann, Toomas;** **Rassõlkin, Anton;** **Kallaste, Ants;** **Asad, Bilal;** **Demidova, Galina** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 5 p <https://doi.org/10.1109/IWED52055.2021.9376354>

Possibilities of decreasing induction motor bearing currents

Kudelina, Karolina; **Vaimann, Toomas;** **Rassõlkin, Anton;** **Kallaste, Ants** 2021 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream): proceedings of the conference, April 22, 2021, Vilnius, Lithuania 2021 / 5 p. : ill <https://doi.org/10.1109/eStream53087.2021.9431419>

Preliminary analysis of bearing current faults for predictive maintenance

Kudelina, Karolina; **Raja, Hadi Ashraf;** **Vaimann, Toomas;** **Kallaste, Ants;** Pomarnacki, Raimondas; Hyunh, Van Khang 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 5 p. : ill <https://doi.org/10.1109/IEMDC55163.2023.10238934>

TTÜ teadurid nuputavad trammile paremat mootorit : [TTÜ elektrijamite ja jõuelektroonika instituudi teadurite (juht prof. Juhan Laugis) projektist]

Peensoo, Piret Eesti Päevaleht 2004 / lk. 9 : fot <https://epl.delfi.ee/artikkel/50996821/ttu-teadurid-nuputavad-trammile-paremat-mootorit>

Vahelduvvoolu elektrimootorite töörežiimide analüüs teeninduskombinaadi "Kiir" pesumajades ja Keemilise Puhastuse Vabrikus

Vagane, Valdur Kommunaalmajandus ja Teenindus : informatsiooniseeria 7 1968 / lk. 6-8 : ill https://www.ester.ee/record=b1146510*est