

A hierarchical algorithm of acoustic noise analysis for moving vehicle detection and classification

Astapov, Sergei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 51-54 : ill

Acoustic study on tubular micro-perforated flow plug sections for vehicle silencer's application

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri SAE Technical Paper 2022 / p. 1-7 <https://doi.org/10.4271/2022-01-0933>
<https://www.sae.org/publications/technical-papers/content/2022-01-0933/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Aeg on raha

Pihlak, Ilmar Tartu Postimees 2011 / lk. 2 https://artiklid.elnet.ee/record=b2267952*est

Design and experimentation of fuzzy logic control for an anti-lock braking system

Aksjonov, Andrei; Vodovozov, Valery; Petlenkov, Eduard BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 207-210 : ill http://www.ester.ee/record=b2150914*est

Design and implementation of intelligent ground vehicle safety systems of high robustness to varying environmental and human factors

Aksjonov, Andrei 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. 107-108
https://www.ester.ee/record=b5183874*est

Design concepts for a hybrid diesel electric shunting locomotive powertrain

Hõimoja, Hardi; Roasto, Indrek; Kesküla, A. BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 293-296 : ill

Detection and evaluation of driver distraction using machine learning and fuzzy logic

Aksjonov, Andrei; Nedoma, Pavel; Vodovozov, Valery; Petlenkov, Eduard; Herrmann, Martin IEEE Transactions on Intelligent Transportation Systems 2019 / p. 2048 - 2059 <https://doi.org/10.1109/TITS.2018.2857222> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Determination of the acoustic pressure on the floor of a moving vehicle, with an analytical method

Duverlie, Nathalie; Gagniol, Philippe Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 171-174: ill

Development of the reconfigurable continuous track robot

Valme, Daniil 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. 15-16 : ill https://www.ester.ee/record=b5504019*est

Development of virtual reality - a vehicle for sustainable development of Estonia

Vilu, Raivo IV International Conference on a System Analysis Approach to Environment, Energy and Natural Resource Management in the Baltic Sea Region, Tallinn, May, 1993 : abstracts 1993 / p. 72

Distribution of the local maximums for noise and vibration of transport vehicles

Lazarchuk, E.A. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 59-62

Eesti teede ja transpordi 100 aastat

Praust, Valdo 2018 https://www.ester.ee/record=b4770235*est

Ensuring the cycling safety by improving bicycle infrastructure

Makarova, Irina; Boyko, Aleksey; Shubenkova, Ksenia; Pashkevich, Anton Transbaltica XI : Transportation Science and Technology : Proceedings of the International Conference Transbaltica, May 2-3, 2019, Vilnius, Lithuania 2020 / p. 386-396
https://doi.org/10.1007/978-3-030-38666-5_41

An exploration of quantitative models and algorithms for vehicle routing optimization and traveling salesman problems

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Supply chain analytics 2024 / art. 100056 <https://doi.org/10.1016/j.sca.2023.100056>

Fuel cell city buses : grey shadows of green energy

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l.
<https://doi.org/10.1109/BEC56180.2022.9935604>

A hierarchical algorithm for moving vehicle identification based on acoustic noise analysis

Astapov, Sergei; Riid, Andri Proceedings of the 19th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2012 : Warsaw, Poland, 24-26 May, 2012 2012 / p. 467-472 : ill <https://ieeexplore.ieee.org/document/6226235>

High-efficiency single-stage onboard charger for electrical vehicles

Zinchenko, Denys; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Verbytskyi, levgen; Bayhan, Sertac IEEE Transactions on Vehicular Technology 2021 / p. 12581-12592 : ill <https://doi.org/10.1109/TVT.2021.3118392> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hüvasti, kliimaeesmärgid! Tere, autod! Valitsus arvab, et ühissõidukitega tööli käijate hulk ei peakski suurenema

Orav, Anna Teele Eesti Päevaleht 2020 / lk. 18-19 : fot <https://dea.digar.ee/article/eestipaevaleht/2020/10/14/21.2>

ISEAUTO - First Estonian Self-Driving Vehicle

Rassõlkin, Anton 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. 11-12 https://www.ester.ee/record=b5183874*est

Kiiruse mõõtmise mobiilne süsteem : aastal 2009 avaldatud tööde koopiade kogumik. 13

Laaneots, Rein 2009 https://www.ester.ee/record=b2641827*est

Measurement method and device for vehicle dynamics

Väljaots, Eero; Sell, Raivo Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 536-541 : ill

Meretranspordi kasutamise võimalustest sõidukite transportimisel

Orgla, Maario Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2023 / lk. 38-41 : fot https://www.ester.ee/record=b5495900*est <https://digiajakiri.transpordiamet.ee/view/400274120/38/> <https://digikogu.taltech.ee/et/Item/619cc9f9-203b-4a47-bdbe-ac92e1ad0c2a>

Mida õppida ajaloost?

Praust, Valdo Teeleht 2018 / lk. 50-53 : ill http://www.ester.ee/record=b1073043*est https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_93_veb_must.pdf

Millised koormused mõjuvad meie teedele tegelikult?

Kendra, Ain Transport ja Teed 2018 / lk. 9-11 : ill http://www.ester.ee/record=b1073099*est

A model-based adaptive control of an autonomous driving car for lane change maneuver

Astrov, Igor; Udal, Andres; Jaanus, Martin 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), September 27 - October 1, 2021, Opatija, Croatia : proceedings 2021 / p. 1330-1335 : ill <http://www.mipro.hr/LinkClick.aspx?fileticket=RAMnkK6T5UQ%3d&tabid=196&language=hr-HR> <https://doi.org/10.23919/MIPRO52101.2021.9597195>

A model-based LQR control of an obstacle avoidance maneuver of a self-driving car

Astrov, Igor; Udal, Andres; Pikner, Heiko; Malayjerdi, Ehsan 2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI) : Poprad, Slovakia, 2-5 March 2022 2022 / p. 473-478 : ill <https://doi.org/10.1109/SAMI54271.2022.9780755>

Noise reduction for light-weight vehicles. Some examples

Nilsson, Anders Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 145-152: ill

Normalisation of vehicle acoustic properties and its units in Russia

Galevko, Yu.V.; Ivanova, T.V.; Nikulnikov, E.N. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 335-338

On the use of structure-borne sound transfer path analysis (TPA) in road vehicles at medium and high frequencies

Plunt, Juha Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 175-179: ill

Pass-by noise and sound quality measurements

Braasch, Jorgen Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 47-52: ill

Practical path planning techniques in overtaking for autonomous shuttles

Malayjerdi, Ehsan; Sell, Raivo; Malayjerdi, Mohsen; Udal, Andres; Bellone, Mauro Journal of field robotics 2022 / p. 410-425 <https://doi.org/10.1002/rob.22057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Predictive control for controlling and driving autonomous vehicles

Vu, Trieu Minh Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 311-316 : ill

Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06.1998

1998 https://www.ester.ee/record=b1053821*est

Professor: elektriautodega rohepöördeni ei jõua, sest selleks pole piisavalt muldmetalle

Sooväli-Sepping, Helen pealinn.ee 2023 [Professor: elektriautodega rohepöördeni ei jõua, sest selleks pole piisavalt muldmetalle](#)

Single-phase electric drive for automotive applications

Vodovozov, Valery; Lillo, Nikolai; Raud, Zoja 2014 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) : 18-20 June, 2014, Ischia, Italy : proceedings 2014 / p. 1313-1318 : ill

Soil sampling automation case-study using unmanned ground vehicle

Väljaots, Eero; Lehist, Henri; Kiik, Meelik; Leemet, Tõnu Engineering for rural development 2018 / p. 982-987 : ill

<https://doi.org/10.22616/ERDev2018.17.N503>

Some features of noise control in vehicles by sound-proofed enclosures

Drozдова, Lyudmila; Omelchenko, Alexander; Potekhin, Vyacheslav Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 229-232: ill

Sustainable data governance for cooperative, connected and automated mobility in the European Union

Andraško, Jozef; **Hamulak, Ondrej;** Mesarčík, Matuš; **Kerikmäe, Tanel; Kajander, Aleks Oskar Johannes** Sustainability 2021 / art. 10610, 25 p <https://doi.org/10.3390/su131910610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sõidukid ja maksud

Vinnal, Toomas Eesti Päevaleht 1996 / 4. nov., lk. 2

The digital development of the European Union : data governance aspects of cooperative, connected and automated mobility

Andraško, Jozef; Mesarčík, Matuš; **Hamulak, Ondrej** IDP: Revista d'Internet, Dret i Política 2021 / p. 1-16

<https://doi.org/10.7238/idp.v0i34.387494>

Theoretical and practical noise control approaches to vehicle design

Ivanov, N.I. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 153-162

Time-Sensitive Networking in automotive embedded systems : state of the art and research opportunities

Ashjaei, Mohammad; Bello, Lucia Lo; **Daneshtalab, Masoud;** Patti, Gaetano; Saponara, Sergio; Mubeen, Saad Journal of Systems Architecture : the EUROMICRO Journal 2021 <https://doi.org/10.1016/j.sysarc.2021.102137>

Toiteliiniga seotud sõidukite energiavahetuse juhtimissüsteem : EE200200424

Pettai, Elmo; Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; **Rosin, Argo** 2004 [https://www1.epa.ee/patent/data.asp?](https://www1.epa.ee/patent/data.asp?NroParam=P200200424&ID=X551997&NID=&offset=&HKR=)

[NroParam=P200200424&ID=X551997&NID=&offset=&HKR=](https://www1.epa.ee/patent/kirjeldus/P200200424.pdf) <https://www1.epa.ee/patent/kirjeldus/P200200424.pdf>

Trajectory generation for autonomous vehicles

Vu, Trieu Minh Mechatronics 2013 : recent technological and scientific advances 2014 / p. 615-626 : ill

Trammi ristsetest ja trammiliiklusest Tallinnas : [Tallinna Linnatranspordi AS poolt korraldatud uutele trammidele nimepaneku konkursist]

Simson, Taavi Studioosus 2015 / lk. 7 https://www.ester.ee/record=b1558644*est

Variable-speed single-phase induction motor drive for vehicular applications

Vodovozov, Valery; Lillo, Nikolai; Raud, Zoja Electrical engineering eesearch (EER) 2014 / p. 18-24 : ill

Vehicle sideslip modeling and estimation

Vu, Trieu Minh 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. 37-41 : ill

Virtual differential as torque distribution control unit in automotive propulsion systems

Resev, Jüri; Roosimölder, Lembit Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 74-77 : ill

Автомобильные дороги. Автомобильный транспорт

Randlepp, Arne; Aavik, Andrus; Segerkrantz, Vladimir; Sürje, Peep; Sillat, Rein; Gavrilov, Aleksei; Platonov, N.L.; **Metsvahi, Tiit; Roste, Irina; Mägi, Hans;** Karilaid, R. 1988 https://www.ester.ee/record=b1257202*est

Безопасность специализированных автотранспортных средств

Кравец В.Н.; Кудряшов Е.М.; Мусарский Р.А. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 130-131

Видео: в Таллинне прошла дискуссия на тему умного передвижения

Stolitsa.ee 2023 [ВИДЕО: в Таллинне прошла дискуссия на тему умного передвижения](#)

Достоверность диагностирования как один из факторов повышения безопасности дорожного движения

Соколов В.С.; Иванов С.Е. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 198

Некоторые результаты исследования причин и тяжести последствий ДТП с участием различных типов транспортных средств

Литвинова Т.А.; Ани Э.В. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 152-153

Оценка эффективности торможения автотранспортных средств в эксплуатации

Вахменцев С.В.; Авенариус А.А. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 85-86

Проблемы введения страхования гражданской ответственности владельцев транспортных средств в СССР

Трунов С.Н. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 205-207

Тормозная система для многозвенных транспортных средств

Грибко Г.П.; Сидоренко В.Ю.; Герасимович Е.Н. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 96-97

Тренажеры для проведения психофизиологического обследования водителей транспортных средств

Береза В.Н.; Парамзин А.П.; Кульсеитов Ж.О. Научная конференция " Безопасность движения", Таллинн, 14-15 ноября 1990 г. : тезисы 1990 / с. 70-72

Усовершенствованная номограмма для определения контактных параметров колес катка

Kleemann, K.; Sürje, Peep Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 97-98
https://www.ester.ee/record=b1319482*est