

A linearity test for acoustic one-port sources

Lavrentjev, Jüri; Boden, Hans; Abom, Mats Journal of sound and vibration 1992 / 3, p. 534-539

Acoustic radiation of a submerged cylindrical shell in low frequency

Van de Loock, Julien; Klauson, Aleksander Journal of the Acoustical Society of America 2013 / p. EL26-EL32 : ill

Advanced dynamic models for analysis of vibrations of road train trailers with big loading capacity

Arjassov, Gennadi; Petritšenko, Andres Proceedings [of] 8th International Conference on the Modern Information Technology in the Innovation Processes of the Industrial Enterprises : MITIP2006 : 11-12 September 2006, Budapest, Hungary 2006 / p. 359-364 : ill

Analysis of common mode and rapidly varying voltage profile on stator current harmonics of an inverter-fed induction motor

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Kallaste, Andres; Asad, Bilal; Kudelina, Karolina; Akbar, Siddique 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413067>

Analysis of lathe vibration influence on blank roughness

Arjassov, Gennadi; Otto, Tauno; Gromova, Svetlana Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 120-123 : ill

Analysis of mechanical vibrations caused by eccentricity in a slow-speed slotless permanent magnet generator

Tiirats, Tauno; Pabut, Ott; Kallaste, Ants; Herranen, Henrik; Naar, Hendrik; Vaimann, Toomas PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 237-241 : ill

Analysis of the options of modernization of roller-bit drilling machines with a submersible steamer

Yungmeister, Dmitry A.; Krupenski, Igor; Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325
<https://doi.org/10.25515/pmi.2018.3.321> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of the vibration magnitude of an induction motor with different numbers of broken bars

Martinez, Javier; Belahcen, Anouar; Muetze, Annette IEEE transactions on industry applications 2017 / p. 2711-2720 : ill
<http://dx.doi.org/10.1109/TIA.2017.2657478>

Application of finite element method for the vibrodiagnostics of elastic systems

Arjassov, Gennadi 17th International Conference BEM/FEM99 : Boundary & FEM in Mechanics of Solids & Structures. Vol. 1 2000 / p. 30-32

Application of HoHWM in the stability analysis of nonlocal Euler-Bernoulli beam

Jena, Subrat Kumar; Chakraverty, Snehashish; Ratas, Mart; Kirs, Maarjus International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2019 : 23-28 September 2019 Rhodes, Greece 2020 / art. 230003 <https://doi.org/10.1063/5.0026439>
Conference Proceedings at Scopus Article at Scopus Article at WOS

Application of similarity theory methods theory for prediction of transport means electric motors vibration

Petrov, G. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 301-304

Bearing fault analysis of BLDC motor for electric scooter application

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Rassõlkin, Anton; Kallaste, Ants; Lukichev, Dmitry Designs 2020 / art. 42, 18 p. : ill <https://doi.org/10.3390/designs4040042> Journal metrics at Scopus Article at Scopus

Blast vibration intensity in the changing hydrogeological conditions

Toomik, Arvi; Tomberg, Tõnu Oil shale 2001 / 1, p. 5-14 : ill

Blast vibrations in oil shale surface mining

Toomik, Arvi; Tomberg, Tõnu Oil shale 1997 / 2, p. 155-162

Blast vibrations in oil shale surface mining

Tomberg, Tõnu; Toomik, Arvi ProGEO '97. Brochure of abstracts : the Second General Assembly of the European Association for the Conservation of the Geological Heritage : scientific conference : Tallinn-Lahemaa National Park, June 2nd-4th, 1997 1997 / p. 45

Blast vibrations in oil shale underground mining

Toomik, Arvi; Tomberg, Tõnu Oil shale 1998 / 1, p. 65-74: ill

Blasting parameters and seismic data - a background study

Ring, Merike; Soosalu, Heidi Elisabet; Nikulins, Valerijs 12th International Symposium "Topical Problems in the Field of Electrical

and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 176-178 : ill

Comprehensive computations of the response of faulty cage induction machines

Belahcen, Anouar; Martinez, Javier; **Vaimann, Toomas** Proceedings of the 2014 International Conference on Electrical Machines (ICEM) 2014 / p. 1504-1509 : ill

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>

Creation of defects and self-localized vibrations in crystals : effects of long-range forces in nonlinear dynamics

Haas, Mati; Hižnjakov, Vladimir; **Klopov, Mihhail**; Shelkan, A. International Conference : FM&NT : Functional Materials and Nanotechnologies 2011 : University of Latvia, April 5-8 : conference program. Book of abstracts 2011 / p. 173

Design optimization of multilayer graphene sheets

Majak, Jüri; **Eerme, Martin**; **Arak, Marti**; **Kirs, Maarjus**; **Mikola, Madis** First International Conference on Mechanics of Composites (MECHCOMP2014) : Stony Brook University, Long Island, New York, June 8-12, 2014 2014 / p. 175

Detection of cavitation in pumps through higher order derivatives

Teder, Leo; **Pappel, Toivo** Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 98-101 : ill

Determination of pressure on a vibrating elastic structure in fluid by FEM-BEM

Käes, Alar; **Lahe, Andres**; **Metsaveer, Jaan**; **Ross, Urmas** First Baltic-Scandinavian Symposium on Mechanics : abstracts 1990 / p. 29

Determination of pressure on an arbitrary shell vibrating in fluid medium

Aben, Madis; **Lahe, Andres**; **Metsaveer, Jaan**; **Ross, Urmas** Dynamics of structures '89. Vol. 1 and 2 1989 / p. 65-68 : ill https://inis.iaea.org/collection/NCLCollectionStore/_Public/22/038/22038294.pdf?r=1

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

Effect of Magnetic Forces and Magnetostriction on the Stator Vibrations of a Bearingless Synchronous Reluctance Motor

Mukherjee, Victor; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar** IEEE transactions on magnetics 2019 / 4 p. : ill <https://doi.org/10.1109/TMAG.2019.2894739> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of vibrations on character of microroughness of machined details

Arjassov, Gennadi; **Otto, Tauno** Proceedings of the 21th International Conference Mathematical Modelling in Mechanics of Solid and Structures by Boundary & FEM. 2 2006 / p. 42-49

Estimation of complex derivatives application for fault diagnosis

Baraškova, Tatjana; Pascault, D. 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 19

Fault detecting accuracy of mechanical damages in rolling bearings

Kudelina, Karolina; **Baraškova, Tatjana**; **Shirokova, Veroonika**; **Vaimann, Toomas**; **Rassõlkin, Anton** Machines 2022 / art. 86 <https://doi.org/10.3390/machines10020086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fault diagnosis of additional vibration in Cartesian robot

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

Free vibration analysis of tapered Timoshenko beam with higher order Haar wavelet method

Mehrpavar, Marmar; **Majak, Jüri**; **Karjust, Kristo**; **Arda, Mustafa** Proceedings of the Estonian Academy of Sciences 2022 / p. 77-83 : ill <https://doi.org/10.3176/proc.2022.1.07> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Free vibration analysis of Timoshenko beam by higher-order Haar wavelet method

Mehrpavar, Marmar; **Majak, Jüri**; **Karjust, Kristo** AIP conference proceedings 2023 / art. 250007 <https://doi.org/10.1063/12.0019668>

Free vibration analysis of uniform and tapered timoshenko beam by higher-order haar wavelet method

Mehrpavar, Marmar; **Majak, Jüri**; **Karjust, Kristo** Graduate School of Functional Materials and Technology (GSFMT) Scientific

Fuzzy logic and slip controller of clutch and vibration for hybrid vehicle

Vu, Trieu Minh; Pumwa, John International journal of control, automation and systems 2013 / p. 526-532 : ill

Higher order Haar wavelet method for vibration analysis of functionally graded beam

Mikola, Madis; Majak, Jüri; Pohlak, Meelis; Shvartsman, Boris AIP Conference Proceedings 2022 / art. 380003

<https://doi.org/10.1063/5.0081476> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Induction machine fault detection using smartphone recorded audible noise

Vaimann, Toomas; Sobra, Jan; **Belahcen, Anouar; Rassõlkin, Anton;** Rolak, Michal; **Kallaste, Ants** IET science, measurement and technology 2018 / p. 554-560 : ill <https://doi.org/10.1049/iet-smt.2017.0104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of different tooth belt transmission faults on the work of a cartesian robot

Autsoo, Siarhei; Vaimann, Toomas; Rassõlkin, Anton; Kudelina, Karolina; Asad, Bilal Proceedings of the 2022 20th International Conference on Mechatronics - Mechatronika, (ME), Pilsen, Czech Republic, December 7–9, 2022 2022 / 5 p. : ill <https://doi.org/10.1109/ME54704.2022.9982815>

Influence of magnetic forces and magnetostriction on the vibration behavior of an induction motor

Sathyan, Sabin; Aydin, Ugur; Lehtikoinen, Antti; **Belahcen, Anouar; Vaimann, Toomas;** Kataja, Juhani International journal of applied electromagnetics and mechanics 2019 / p. 825-834 <https://doi.org/10.3233/JAE-171045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-process vibration monitoring on CNC lathe

Aruväli, Tanel; Serg, Risto; Otto, Tauno 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 174-178 : ill

Investigation of an acoustic efficiency of vibro-damping structures with viscous-elastic absorbers under different intensity load acting

Buvailo, L.; Konstantinova, O. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 39-42: ill

Investigation of the causes behind the vibrations of a high-speed solid-rotor induction motor

Sathyan, Sabin; **Belahcen, Anouar;** Lehtikoinen, Antti; Aydin, Ugur; Boxberg, Fredrik Journal of sound and vibration 2019 / art. 114976, 14 p <https://doi.org/10.1016/j.jsv.2019.114976> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Jüri Lavrentjev: uuringud ei kinnita tuulikute mõju tervisele [Võrguväljaanne]

Lavrentjev, Jüri online.le.ee 2021 ["Jüri Lavrentjev: uuringud ei kinnita tuulikute mõju tervisele"](#)

Kinematics of ideal string vibration against a rigid obstacle

Kartofelev, Dmitri Proceedings of the 20th International Conference on Digital Audio Effects : 5-9 September 2017, Edinburgh UK 2017 / p. DAFX-40 - DAFX-47 : ill http://www.dafx17.eca.ed.ac.uk/papers/DAFx17_Proceedings.pdf

Konstruktori sõnavara : eesti-inglise-saksa-vene terminid ja määratlused

Üksti, Lembit 1999 https://www.ester.ee/record=b1331312*est

Konstruktioonide projekteerimise alused. Hoonete ja kõnniteede kasutuskõlblikkus vibratsioonide seisukohalt = Bases of design of structures. Serviceability of buildings and walkways against vibrations

2011 https://www.ester.ee/record=b2670541*est

Legacy of Nikolai Alumäe : theory of shells

Engelbrecht, Jüri; Kutser, Mati Proceedings of the Estonian Academy of Sciences 2015 / p. 139-145

Materjali liikumine vibreerival alusel

Tamm, J.; Tümanok, Aleksei; Kangur, Hillar XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 38 https://www.ester.ee/record=b2449987*est

Mathematical methods for vibrations and their measurement

Arjassov, Gennadi; Baraškova, Tatjana Materials, methods & technologies 2009 / p. 272-280

Measurement equipment for low level vibration studies in mass laboratory

Parker, Martin; Kübarsepp, Toomas; Pärn, Angela 4th IMEKO TC22 Conference on Vibration Measurement 2017 : Held together with TC3 and TC5, Helsinki, Finland, 30 May - 1 June, 2017 2017 / p. 76-78 <http://toc.proceedings.com/35394webtoc.pdf>

Measurement of vibration parameters of extended structures by integretion sensors

Zaletin, Valeri Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 65-68

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>

Membrane-spring damper of low-frequency gas dynamic pulsations

Vassiliev, A.V. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 43-46: ill

Methods of reduction of vibroactivity of hydraulic devices and pipes

Berestovitsky, E.; Gladilin, U.; Pavlov, A. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 269-272: ill

Multi-sensor fault diagnosis of induction motors using random forests and support vector machine

Saberi, Alireza Nemat; Sandirasegaram, Sarvavignoban; **Belahcen, Anouar; Vaimann, Toomas**; Sobra, Jan 2020 International Conference on Electrical Machines (ICEM), 23-26 august 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 1404–1410 <https://doi.org/10.1109/ICEM49940.2020.9270689>

Müraeksperdid: harjutusväljade juures napib müra leevendamise võimalusi

Mõttus, Mirjam err.ee 2023

New procedure for estimation of the physical values [Online resource]

Baraškova, Tatjana; Shirokova, Veronika IJRDO - Journal of applied science 2018 / p. 27-30 : ill <https://ijrdo.org/index.php/as/article/view/2432>

Noise and vibration estimation on the territory near high speed trains railway

Kostarev, S.A.; Makhortykh, S.A.; Rybak, S.A.; Andreyev, N.N. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 209-212: ill

Non-contact measurement of skin vibrations induced by blood pressure

Meigas, Kalju; Lass, Jaanus; Kattai, Rain Automatika : ATKAAP 1999 / 1/2, p. 31-35 : ill

Non-destructive identification of elastic constants by vibration measurements and optimization

Lasn, Kaspar; Klauson, Aleksander OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts 2011 / p. 22

Nonlinear vibrations of elastic-plastic structures by Galerkin's method

Lepik, Ülo Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 166-167

On friction induced vibrations of block brakes and their effects on roughness generation of railway wheels

Ross, Urmas Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 87-90: ill

On the accuracy of the Haar wavelet discretization method

Majak, Jüri; Shvartsman, Boris; **Karjust, Kristo; Mikola, Madis; Haavajõe, Anti; Pohlak, Meelis** Composites Part B : Engineering 2015 / p. 321-327 : tab <http://dx.doi.org/10.1016/j.compositesb.2015.06.008>

On the necessity and implementation of vibrodiagnostics

Teder, Leo; Arjassov, Gennadi; Pappel, Toivo BEM & FEM-2000 : Математическое моделирование в механике сплошных сред на основе методов граничных и конечных элементов : XVIII международная конференция : труды том III : 18th International Conference Mathematical Modelling in Solid Mechanics by Boundary & Finite Element Methods : May 16-20, 2000. Proceedings, III 2000 / p. 214-219 : ill

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

On the vibro-acoustic properties of a rotating perforated railway wheel

Daneryd, A.; Frid, A.; Lundberg, E.; Nielsen, J. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 31-34: ill

Osuti näidu viga mõõteriista vibreerimisel

Toppi, E.; Tümanok, Aleksei XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete

Overview of the use of Bellman dynamic programming method to eliminate oscillations in mechanical and electrical assemblies of technical objects

Autsou, Siarhei; Saroka, Viktor; Karpovich, Dzmityr; **Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p <https://doi.org/10.1109/PQ.2019.8818246>

Performances of measuring instruments, used for a measurement of a noise and vibration from trains of underground in residential buildings

Nekrasov, I.A. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 225-228

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

Quasilinear method of calculation and reduction of vibration of flexible cable system in non-uniform flow field

Kravchun, P. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 261-264: ill

Risk assessment of vibration impact on roof and pillars stability in Estonian underground

Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg; Väli, Erik 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. 57-61 : ill

Simplified algorithm applicable for vibration measurements in buildings

Parker, Martin; Kübarsepp, Toomas 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 201-202 http://www.ester.ee/record=b4650094*est

Simulation of wind turbine vibrations

Andriushchenko, Ekaterina; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Meshkov, Aleksandr; Heidari, Hamidreza; Demidova, Galina 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 4 p <https://doi.org/10.1109/IWED48848.2020.9069567>

Software for the fundamental analysis of vibration

Ernak, A.; Leht, R.; **Baraškova, Tatjana** XIV Международный научно-технический семинар Неопределенность измерений : научные, нормативные, прикладные и методические аспекты : UM-2017 : тезисы докладов : Созополь, 8 сентября 2017 = XIV International Scientific and Technical Seminar Measurement Uncertainty : Scientific, Normative, Applied and Methodical Aspects : UM-2017 : theses of reports : Sozopol, September 8, 2017 2017 / p. 42-43

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

Sound scattering by a cylindrical shell with hemispherical endcaps

Klauson, Aleksander; Metsaveer, Jaan; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 243-246: ill

Sound scattering by a fluid-loaded cylindrical shell with a diametral wall

Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 251-254: ill

Sound scattering by a fluid-loaded finite cylindrical shell

Klauson, Aleksander; Metsaveer, Jaan; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Journal of the Acoustical Society of America 1998 / 5, pt. 2, p. 2813

Sound scattering by a stiffened cylindrical shell using elasticity theory

Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Journal of the Acoustical Society of America 1998 / No. 3, Pt. 2, p. 1754

Study of vibration effect caused by the traffic in condition (state) of architectonic monuments of St.-Petersburg

Moisseev, V.V.; Chizhov, V.Yu.; Zvyagintseva, I.F. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 137-140: ill

System vibration control using linear quadratic regulator

Abdelrahman, Mostafa; Arjassov, Gennadi; Tamre, Mart; Penkov, Igor International journal of applied mechanics and engineering 2022 / p. 1-8 <https://doi.org/10.2478/ijame-2022-0031> [Journal metrics at Scopus](#) [Article at Scopus](#)

The impact of blasting depth on the intensity of ground vibrations

Toomik, Arvi; **Tomberg, Tõnu** Oil shale 1999 / 2, p. 109-115

The use of higher order differentiation for monitoring cavitation

Teder, Leo; Pappel, Toivo OST-03 Symposium on Machine Design 2003 / p. 165-168

The use of real number order differentiation and integration in condition monitoring

Teder, Leo; Pappel, Toivo Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 62-65 : ill

Theoretical and experimental investigation of grillages vibration under the action of repeated loading

Arjassov, Gennadi; Pappel, Toivo; Teder, Leo OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 165-174: ill

Three-dimensional vibrations of wind turbines

Andriushchenko, Ekaterina; Meshkov, Aleksandr IOP conference series : materials science and engineering 2019 / art. 012006, 6 p <https://doi.org/10.1088/1757-899X/666/1/012006>

To question indirect of objektive estimation influence of noises and vibrations on spectral parameters of speaker

Pospelov, B.; Dolotin, K. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 63-64

Приближенный метод оценки вибрационной надежности турбинных дисков

Zinovjev, Nikolai 1958 https://www.ester.ee/record=b1393035*est <https://digikogu.taltech.ee/et/Item/7d74f6f9-2a73-4da6-b5d0-6f1dc811bdbc>

Transverse intrinsic localized modes in monatomic chain and in graphene

Hižnjakov, Vladimir; **Klopov, Mihhail;** Šelkan, Aleksander Physics letters A 2016 / p. 1075–1081
<http://dx.doi.org/10.1016/j.physleta.2016.01.011>

A 2D magnetic and 3D mechanical coupled finite element model for the study of the dynamic vibrations in the stator of induction motors

Martinez, Javier; **Belahcen, Anouar;** Detoni, Joaquim G. Mechanical systems and signal processing 2016 / p. 640-656 : ill
<http://dx.doi.org/10.1016/j.ymssp.2015.06.014>

Two-unit elastic system for vibration reduction of underground railway

Kostarev, S.A.; Makhortykh, S.A.; Rybak, S.A.; Andreyev, N.N. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 213-216: ill

Using 'Staggering' solution methods to solve vibro-acoustic problems

Gustavsson, Mats; Hansson, Mats Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 164-165

Vibration analysis of multifunctional laminated glass panel [Online resource]

Väer, Kaur; Õnapuu, Erko; Eerme, Martin; Auriemma, Fabio; Rämmal, Hans International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 145
http://www.ester.ee/record=b4668793*est

Vibration and noise caused by lawn maintenance machines in association with risk to health

Tint, Piia; Tarmas, Gültšara; Koppel, Tarmo; Reinhold, Karin; Kalle, Sigrid Agronomy research 2012 / p. 251-260 : ill
https://www.researchgate.net/publication/266389031_Vibration_and_noise_caused_by_lawn_maintenance_machines_in_association_with_risk_to_health

Vibration as fault indicator in electrical machines

Farzam Far, Mehrmaz; **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

Vibration of ladder frames = Risttaladest tasandraamide võnkumised

Petritšenko, Andres 2010 https://www.ester.ee/record=b2595706*est

Vibration of strings with nonlinear supports

Stulov, Anatoli; Kartofelev, Dmitri Applied acoustics 2014 / p. 223-229 : ill

Vibrations of stepped plate strips with cracks

Lellep, Jaan; **Kägo, Esta** Mathematical models for engineering science 2010 / p. 244-249 : ill
https://www.researchgate.net/publication/262210037_Vibrations_of_stepped_plate_strips_with_cracks

Vibrationsmessgerät auf der Basis von Signalprozessor

Boiko, Vitali; Laugis, Juhan Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 71-72

Vibroacoustical effect of using of a vibrodamping treatment on the big-scale model of transport structures

Vinogradov, B.; Medvedev, V. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 297-300: ill

Vibroisolation device of new construction

Nikolaev, N.; Petrov, Yu.; Markov, S. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 293-296: ill

Vibromenetlusest betoonteedel

Grauen, Andres VII teedepäeva referaadid 1937 / lk. 79-90 : joon., fot https://www.ester.ee/record=b1148566*est

Vision and policy of NS railinfraabeheer with regard to the noise and vibrations of railway infrastructure

Verhees, F. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 21-24

Вибрации при одновременном течении и обкатывании

Vällo, Arnold Сборник статей по машиностроению. 2 1964 / с. 3-10 : илл https://www.ester.ee/record=b2181977*est
<https://digikogu.taltech.ee/et/Item/b3ddf302-2eed-45dc-8723-604ef8b675b2>

Высокотемпературная коррозия стали 12Х1МФ в условиях виброочистки

Tallermo, Harri Теплоэнергетика : сборник статей. 5 1966 / с. 77-89 : илл https://www.ester.ee/record=b2182028*est
<https://digikogu.taltech.ee/et/Item/60477e94-d6f9-4871-8eef-381dd1d5f9ba>

Зависимости изнашивания металлополимерных материалов от нагрузки и параметров вибраций в паре трения

Velling, Ants; Nanits, Mats-Maidu Всесоюзная научно-техническая конференция "Повышение ресурса узлов трения, работающих в экстремальных условиях" (г. Пермь, 28-30 мая 1986 г.) : Тезисы докладов 1986 / с. [?]

Исследование балансировочных машин : автореферат ... кандидата технических наук

Lepikson, Heino 1949 https://www.ester.ee/record=b2325600*est

Исследование балансировочных машин : диссертация ... кандидата технических наук

Lepikson, Heino 1949 https://www.ester.ee/record=b2561806*est

Исследование вибропрочности пластмассовых резьбовых соединений

Strizhak, Viktor; Meng, Valentin; Ševtšenko, J. P. Материалы научно-технической конференции "Прогрессивная технология машиностроения" (2-3 июня 1976 г.) 1977 / с. 73

Исследование пневмовибратора к трибометру ВТ-1

Saar, Bernhard; Tani, Peeter XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 135-136 https://www.ester.ee/record=b1322629*est

О выводе уравнений колебания струны и мембраны

Relvik, Heino Исследования по динамике конструкций 1981 / с. 95-97 https://www.ester.ee/record=b1309334*est

О целесообразности применения квазипикового детектора при 1/3 - октавном и более узкополосном спектральном анализе шумов и вибраций

Tamm, Uljas Конспекты докладов : "Вибрационная техника", семинар (Москва), : Сборник 1 1969 / с. [?]

1/3 - октавный спектроанализатор шумов вибраций имеющий цифровой выход

Sudist, V.; **Tamm, Uljas** Конспекты докладов : "Вибрационная техника", семинар (Москва), : Сборник 1 1969 / с. [?]

Опыт применения вибрационных трибометров при ускоренном определении износостойкости материалов

Ajaots, Maidu; Nanits, Mats-Maidu Всесоюзная научно-практическая конференция "Теория и практика создания, испытания и эксплуатация триботехнических систем" (г. Андропов, 28-30 мая 1986 г.) : Тезисы докладов 1986 / с. 113

Программный метод измерения фазового дрожания

Kravets, Valeri Elektronika - 2001 = Electronics - 2001 : proceedings of the 5th international conference 2001 / p. 122-125 : ill

