Acoustic analysis of compact silencer solution based on microperforated panel
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030014 https://doi.org/10.1063/5.0189854 Article at Scopus Conference Proceedings at Scopus

Acoustic analysis of small engine catalytic converters : SAE 2010-32-0022
Lavrentjev, Jüri; **Rämmal, Hans** SAE technical papers 2010 / [12] p

Acoustic and thermoacoustic properties of an additive manufactured lattice structure
Di Giulio, Elio; **Auriemma, Fabio**; Napolitano, Marialuisa; Dragonetti, Raffaele The Journal of the Acoustical Society of America 2021 / art. 3878 https://doi.org/10.1121/10.0005085 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic forward model for guided wave propagation and scattering in a pipe bend
Rasgado Moreno, Carlos Omar; **Rist, Marek**; **Land, Raul**; **Ratassepp, Madis** Sensors 2022 / art. 486 https://doi.org/10.3390/s22020486 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic lumped element techniques to measure the low frequency response of porous materials
Di Giulio, Elio; Napolitano, Marialuisa; Romano, Rosario Aniello; **Auriemma, Fabio**; Dragonetti, Raffaele Proceedings of the 10th Convention of the European Acoustics Association 2023 : Forum Acusticum, September 11-15, 2023 2024 / p. 3497-3502 https://doi.org/10.61782/fa.2023.1056

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

Acoustic performance of micro-grooved elements
Auriemma, Fabio Applied acoustics 2017 / p. 128-137 : ill https://doi.org/10.1016/j.apacoust.2017.02.019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Acoustic scattering by a layered cylinder
Chati, F.; Leon, Fernand; Maze, Gerard Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 273-276: ill

Acoustic scattering from fluid-loaded stiffened cylindrical shell : analysis using elasticity theory
Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander**; **Metsaveer, Jaan** The Journal of the Acoustical Society of America 2000 / 6, p. 3208-3216 : ill

Acoustic studies of micro-perforates for small engine silencers
Kabral, Raimo; **Rämmal, Hans**; **Lavrentjev, Jüri** SAE technical papers 2012 https://www.sae.org/publications/technical-papers/content/2012-32-0107/

Acoustic studies on small engine silencer elements
Kabral, Raimo; **Rämmal, Hans**; **Lavrentjev, Jüri**; Auriemma, Fabio SAE technical papers 2011 / [8] p. : ill

Acoustic study of novel eco-friendly material for vehicle NVH applications
Rämmal, Hans; **Lavrentjev, Jüri** Materials today: proceedings 2020 / p. 2331-2337 https://doi.org/10.1016/j.matpr.2020.04.632 Conference proceedings at Scopus Article at Scopus Article at WOS

Acoustical barriers for a high speed line "Moscow-St.Petersburg"
Ivanov, N.I.; Samoylov, M.M.; Zyuzlikova, N.V. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 25-28

Acoustics of turbochargers
Rämmal, Hans; Abom, Mats SAE Technical Paper Series : SAE 2007 Noise and Vibration Conference and Exhibition : St.Charles, IL (USA), May 15-17 2007 2007 / paper nr. 2007-01-2205

Akustika
Oruvee, Helmut Masinaehitaja käsiraamat. 1. kd 1968 / lk. 229-237 https://www.ester.ee/record=b1298495*est

Akustika ja helitehnika
Eiskop, Ilmar; Sillart, Aleksander 1988 https://www.ester.ee/record=b1206848*est

Allveeakustika [Võrguteavik] : terminoloogia = Underwater acoustics : terminology (ISO 18405:2017, identical)
2020 https://www.ester.ee/record=b5352839*est

An experimental investigation of the mechanical and acoustical transmission paths on a car

Rebillard, Eric Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 197-200: ill

Analysis of acoustic scattering at variable incidences from an extra thin cylindrical shells bounded by hemispherical endcaps
Touraine, Nicolas; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander**; **Metsaveer, Jaan** The Journal of the Acoustical Society of America 2000 / 5, p. 2187-2196

Analysis of acoustic scattering of an obliquely incident wave by extra thin finite cylindrical shells
Touraine, Nicolas; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander**; **Metsaveer, Jaan** 7th International Congress on Sound and Vibration : 4-7 July 2000, Garmisch-Partenkirchen, Germany 2000 / p. 1449-1456 : ill

Application of novel micro-grooved elements to small engine silencer
Auriemma, Fabio; **Rämmal, Hans**; **Lavrentjev, Jüri** SAE Technical Papers 2013 / [10] p.: ill https://www.sae.org/publications/technical-papers/content/2013-32-9001/ https://doi.org/10.4271/2013-32-9001 Journal metrics at Scopus Article at Scopus

Application of vector-phase methods for an estimation of acoustic properties of premises on transport
Korobnichenko, Yuliana; Mit'ko, Valery; Petrov, Andrey Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 53-57

A cad tool for acoustic analysis of intake and exhaust systems
Abom, Mats; Glav, R. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 181-184: ill

Characterization of air terminal device noise using acoustic 1-port source models
Rämmal, Hans; Abom, Mats Journal of sound and vibration 2007 / 3/5, p. 727-743 : ill
https://www.sciencedirect.com/science/article/pii/S0022460X06006857

Characterization of circumferential modes of a lucite cylinder immersed in water
Chati, F.; Leon, Fernand; Maze, Gerard Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 277-280: ill

Combining hybrid and end-to-end approaches for the OpenASR20 challenge
Alumäe, Tanel; **Kong, Jiaming** Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1585-1589 https://doi.org/10.21437/Interspeech.2021-1086

A comparison between the acoustic impact of old and new trains on local railways lines
Pronello, C. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 95-98: ill

A complete acoustic analysis on the passive effect of small engine silencer elements
Kabral, Raimo; **Rämmal, Hans**; **Lavrentjev, Jüri**; Auriemma, Fabio Proceedings of International Congress on Sound and Vibration (ICSV18) : Rio de Janeiro, Brazil, 10 to 14 July 2011 2011

Coping with reverberant acoustics in singing by extending the plosive closures in vowel-plosive-vowel sequences
Vurma, Allan; **Meister, Einar**; **Meister, Lya**; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri 5th International Symposium on Applied Phonetics (ISAPh 2024), 30 September - 2 October 2024, Tartu, Estonia 2024 / p. 115-120 : ill
https://doi.org/10.21437/ISAPh.2024-22

Damping of acoustic waves in straight ducts and turbulent flow conditions
Tiikoja, Heiki; **Auriemma, Fabio**; **Lavrentjev, Jüri** SAE Technical Paper Series : 9th International Styrian Noise, Vibration & Harshness Congress : The European Automotive Noise Conference 2016 / Paper 2016-01-1816, p. 1-9 : ill
https://doi.org/10.4271/2016-01-1816 Conference Proceedings at Scopus Article at scopus

Dedicated testrig for acoustic characterization of automotive silencers
Lavrentjev, Jüri; **Rämmal, Hans** Proceedings of the ICSV 16 : The 16th International Congress on Sound and Vibration : Krakow, Poland, 5-9 July, 2009 2009 / [6] p
https://www.researchgate.net/publication/287088587_Dedicated_testrig_for_acoustic_characterization_of_automotive_silencers

Demonstration of acoustic beats in the study of physics
Gavrilov, Aleksei Journal of multidisciplinary engineering science and technology (JMEST) 2017 / p. 7545-7546 : ill
http://www.jmest.org/wp-content/uploads/JMESTN42352273.pdf

Designing of the airports according with factor of an aircraft noise
Kartyshev, Oleg; Zaporozhets, Oleksander Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 367-370

Determination of acoustic properties for open duct termination in hot jet conditions using FEM simulation
Rämmal, Hans; **Lavrentjev, Jüri** Proceedings of the 14th International Congress on Sound and Vibration (ICSV 14) : Cairns (Australia), 9-12 July, 2007 2007 / ? p
https://www.researchgate.net/publication/315747798_DETERMINATION_OF_ACOUSTIC_PROPERTIES_FOR_OPEN_DUCT_TERMINATION_IN_HOT_JET_CONDITIONS_USING_FEM_SIMULATION

Determination of the acoustic pressure on the floor of a moving vehicle, with an analytical method
Duverlie, Nathalie; Gatignol, Philippe Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 171-174: ill

Determination of the acoustic transmission properties of IC-engine air inlet system components
Boden, Hans; Beraud, G.; Glav, R. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 323-326: ill

Direct scattering by a sound hard small body
Challa, Durga Prasad Imaging, Multi-Scale and High Contrast Partial Differential Equations : Seoul ICM 2014 Satellite Conference Imaging, Multi-scale and High Contrast PDEs, August 7-9, 2014, Daejeon, Korea 2016 / p. 131-138 http://dx.doi.org/10.1090/conm/660

Echo impulse method used to measure the adsorbtion on the ultrasounds in solids
Todoran, Radu; Blandu, Larisa; Todoran, Daniela Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 255-259: ill

Edge resonance in semi-infinite thick pipe : theoretical predictions and measurements
Ratassepp, Madis; **Klauson, Aleksander**; Chati, F.; Leon, Fernand; Maze, Gerard Journal of Acoustical Society of America 2008 / 2, p. 875-885 https://pubmed.ncbi.nlm.nih.gov/18681580/

Ehitussündmus BuildIT 2021 keskendub tänavu mürale [Võrguväljaanne]
ehitusuudised.ee 2021 "Ehitussündmus BuildIT 2021 keskendub tänavu mürale"

Estimation of acoustic loading on the fuselage created by a ducted propfan at rear mounting
Kopiev, V.F.; Maslov, A.A.; Chernyshev, S.A. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 349-352: ill

Experimental acoustic characterization of IC-engine simulated hot exhaust system
Rämmal, Hans; **Lavrentjev, Jüri** Proceedings of INTER-NOISE 2004 / ? p

Experimental acoustic scattering
Maze, Gerard Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 235-242: ill

Experimental determination of sound transmission in turbo-compressors : SAE Tech. paper no.2009-01-2045
Rämmal, Hans; Abom, Mats SAE Technical Papers 2009 / [7] p https://www.diva-portal.org/smash/record.jsf?pid=diva2%3A750030&dswid=-9882

Experimental facility for the complete determination of sound transmission in turbochargers : SAE 2010-01-1424
Rämmal, Hans; Abom, Mats; Tiikoja, Heiki; Boden, Hans SAE technical papers 2010 / [9] p
https://saemobilus.sae.org/papers/experimental-facility-complete-determination-sound-transmission-turbochargers-2010-01-1424

Exploiting time and frequency masking in consistent sinusoidal analysis-synthesis
Vafin, Renat; Vang Andersen, Soren; Kleijn, W. Bastiaan 2000 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : 5-9 June, 2000, Hilton Hotel and Convention Center, Istanbul, Turkey. Vol. 2 2000 / p. 901-904 : ill

Flexural wave propagation phenomena in a submerged cylindrical shell
Metsaveer, Jaan; **Klauson, Aleksander** Proceedings of the 15th International Congress on Acoustics, Trondheim, Norway, 26-30 June 1995 : ICA 95. Vol. 1 1995 / p. 137-140: ill

Frequency-dependent attenuation and phase velocity dispersion of an acoustic wave propagating in the media with damages
Stulov, Anatoli; Erofeev, Vladimir Generalized continua as models for classical and advanced materials 2016 / p. 413-423
https://doi.org/10.1007/978-3-319-31721-2_19 Article collection metrics at Scopus Article at Scopus Article at WOS

Frequency-dependent dissipation in dispersive wool felt [Online resource]
Kartofelev, Dmitri; **Tamm, Kert**; **Peets, Tanel** 22nd International Congress on Acoustics ICA 2016 : proceedings 2016 / p. 53
http://ica2016.org.ar/website/wp-content/uploads/ICA2016_Proceedings.pdf

Frequency-dependent dissipation in dispersive wool felt [Online resource]
Kartofelev, Dmitri; **Tamm, Kert**; **Peets, Tanel** 22nd International Congress on Acoustics ICA 2016 : [complete proceedings] 2016 / p. 1-10 : ill http://ica2016.org.ar/website/proceedings/

Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters
Lints, Martin; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; **Salupere, Andrus** 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill
https://www.iiav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf

Genetic algorithm vs finite differences in an optimization procedure including FEM with fixed mesh
Auriemma, Fabio International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13–18 September 2018 2019 / art. 2116, 330006, 4 p https://doi.org/10.1063/1.5114344 Conference proceedings at Scopus Article at Scopus Article at WOS

Hanging roofs as acoustic screens for song festival tribunes in Estonia
Kulbach, Valdek Tallinna Tehnikaülikooli Toimetised 1990 / lk. 12-20: ill

Helitehnika
Eiskop, Ilmar; **Sillart, Aleksander** 1973 https://www.ester.ee/record=b1197827*est

Holistic approach to design healthy and resilient apartments
Sepulveda Luque, Abel; **Smirnov, Roman**; Donaire Galiano, María Dolores REHVA European HVAC Journal 2022 / p. 63-69
https://www.rehva.eu/rehva-journal/chapter/holistic-approach-to-design-healthy-and-resilient-apartments

Implementation of RF X-parameters principle to non-linear vibro-acoustics membrane as a two-port measurement
Moezzi, Reza IEEE Estonia Section Summer Seminar 2018, 19. and 20. august = IEEE sügisseminar 2018, 19. ja 20. augustil, Jäneda Mõis 2018 / 21 p. : ill https://iscx.dcc.ttu.ee/ISC/ws/RezaPresentation.pdf https://iscx.dcc.ttu.ee/ISC/ws/ws.asp?IEEEYear=2018

Implementation of X-Parameters principle for non-linear vibroacoustic membrane using Two-Port measurement
Moezzi, Reza; Hlava, Jaroslav; **Vu, Trieu Minh** Traitement du signal 2019 / p. 297-301 https://doi.org/10.18280/ts.360401 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Innovative fibreless HVAC duct silencer based on microperforated elements
Villau, Margus; **Rämmal, Hans**; **Lavrentjev, Jüri** Materials today: proceedings 2021 / 7 p. : ill
https://doi.org/10.1016/j.matpr.2021.06.201 Journal metrics at Scopus Article at Scopus

Insights into the string-barrier interaction dynamics based on high-speed camera measurements
Kartofelev, Dmitri; **Arro, Joann Gustav**; Välimäki, Vesa SMC 2020 : Proceedings of the 17th Sound and Music Computing Conference, Torino, Italy, June 24th - 26th 2020 2020 / p. 169-176 https://smc2020torino.it/adminupload/file/SMC2020Proceedings.pdf

The intensities of vowels and plosive bursts and their impact on text intelligibility in singinga)
Vurma, Allan; **Meister, Einar**; **Meister, Lya**; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri Journal of the Acoustical Society of America 2023 / p. 2653 - 2664 https://doi.org/10.1121/10.0021968 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Investigation of acoustic characteristics of jets issuing from corrugated nozzles
Makashov, S.Yu. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 345-348: 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 nonlinear targeted energy transfer (TET) phenomena in the presence of elastic membrane in duct acoustics with different BCs
Moezzi, Reza International journal of scientific & engineering research 2018 / p. 476-483 : ill
https://www.ijser.org/onlineResearchPaperViewer.aspx?Investigation-of-Nonlinear-Targeted-Energy-Transfer-TET-phenomena-in-the-Presence-of-Elastic-Membrane-in-Duct-Acoustics-with-Different-BCs.pdf

Investigations of automotive turbocharger acoustics
Tiikoja, Heiki; **Rämmal, Hans**; Abom, Mats; Boden, Hans SAE international journal of engines 2011 / p. 2531-2542

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

A linearity test for acoustic one-port soures
Lavrentjev, Jüri; Boden, Hans; Abom, Mats Journal of sound and vibration 1992 / 3, p. 534-539

Low frequency acoustic method to measure the complex bulk modulus of porous materials
Napolitano, Marialuisa; Di Giulio, Elio; **Auriemma, Fabio** The Journal of the Acoustical Society of America 2022 / art. 1545
https://doi.org/10.1121/10.0009767 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Miks kostab vee ääres räägitud jutt kaugele?
Kalda, Jaan postimees.ee 2024 Miks kostab vee ääres räägitud jutt kaugele?

Modelling and analysis of the acoustic-structural system of the heavy vehicle gearbox
Misun, Vojtech Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 167-170: ill

Modified multi-load method for nonlinear source characterization
Rämmal, Hans; Boden, Hans Journal of sound and vibration 2007 / 4/5, p. 1094-1113
https://www.sciencedirect.com/science/article/pii/S0022460X06006663

Multiscale analysis of the acoustic scattering by many scatterers of impedance type
Challa, Durga Prasad; Sini, Mourad Zeitschrift für angewandte Mathematik und Physik 2016 / art. 58, p. 1-31 : ill
https://doi.org/10.1007/s00033-016-0652-0 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nature de l'onde d'interface de Scholte sur une coque cylindrique
Maze, Gerard; Leon, Fernand; Ripoche, Jean; **Klauson, Aleksander**; **Metsaveer, Jaan**; Überall, H. Acustica 1995 / p. 201-213: ill

New tools in acoustics: transient surface wave analysis method. Study of lamb waves with positive or negative group velocity in an immersed shell
Martinez, Loic; Duclos, Jean; Tinel, Alain Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 281-284: ill

Non-linear impedance of a new sound absorptive fibreless material title
Auriemma, Fabio; **Tiikoja, Heiki** MIC 2015 : 2nd International Conference on Modelling, Identification and Control : August 9-10, 2015, Paris, France 2015 / p. 195-199 : ill http://dx.doi.org/10.2991/mic-15.2015.44

Normalisation of vehicle acoustic properties and it 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

Numerical approach for active structural-acoustic control of a fluid-loaded structure
Ross, Urmas 1995

Numerical simulation of 3D flowfield in mixer-ejector nozzle and its using for evaluation of nozzle acoustic characteristics
Bosniakov, S.; Jitenev, V.; Matyash, S.; Mikhailov, S.; Nukhtikov, M.; Vlasenko, V.; Yatskevich, N. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 371-374: ill

Observation of nonlinear vibro-acoustic phenomena in the presence of elastic membrane with different boundary conditions [Online resource]
Moezzi, Reza Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.ut.ee/teesid-2018/

Observation of nonlinear vibro-acoustic phenomena in the presence of elastic membrane with different boundary conditions
Moezzi, Reza; **Auriemma, Fabio** Euronoise 2018 Crete : conference proceedings 2018 / p. 2645-2651 : ill
http://www.euronoise2018.eu/docs/papers/437_Euronoise2018.pdf

On Acoustic Properties of Duct Termination Exhausting Hot Flow by Utilizing FEMSimulation
Rämmal, Hans; **Lavrentjev, Jüri** Evolutions in mechanical engineering 2021 / art. EME.000565
https://crimsonpublishers.com/eme/fulltext/EME.000565.php

On corners scattering stably and stable shape determination by a single far-field pattern
Blasten, Emilia Indiana University Mathematics Journal 2021 / p. 907-947 https://doi.org/10.1512/IUMJ.2021.70.8411 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On experimental techniques to determine acoustic performance of small exhaust silencers : SAE tech. paper no. 2009-32-

0015
Lavrentjev, Jüri; **Rämmal, Hans** SAE Technical Papers 2009 / [6] p https://www.sae.org/publications/technical-papers/content/2009-32-0015/

On the acoustic impedance of a fibreless sound absorptive element
Auriemma, Fabio; **Tiikoja, Heiki** SAE international journal of engines 2015 / p. 2268-2275 : ill https://doi.org/10.4271/2015-24-2462 Journal metrics at Scopus Article at Scopus

On the acoustic reflection at pipe opening
Rämmal, Hans; **Lavrentjev, Jüri**; Tiikoja, Heiki Proceedings of the 17th International Congress on Sound & Vibration (ICSV17) : Cairo, 18-22 July 2010 2010 / [8] p

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

Performance of additive manufactured stacks in a small scale thermoacoustic heat engine
Auriemma, Fabio; **Holovenko, Yaroslav** SAE Technical Papers 2019 / 2019-01-1534, 10 p. : ill https://doi.org/10.4271/2019-01-1534 Journal metrics at Scopus Article at Scopus

Protection of marine seismic probe receiving arrays towed in ice environment against the underwater noise generated by geophysical survey vessels
Maizel, A.B. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 285-288: ill

Ship source strength estimation in shallow water
Klauson, Aleksander; **Mustonen, Mirko** Proceedings of Meetings on Acoustics 2017 / art. 070004, 8 p. : ill https://doi.org/10.1121/2.0000989

Single-Stage TTS with adapted vocoder and cross-attention: Taltech systems for the Limmits'24 Challenge
Rõbnikov, Daniil; **Alumäe, Tanel** 2024 IEEE International Conference on Acoustics, Speech, and Signal Processing Workshops (ICASSPW), Proceedings, 14-19 April 2024, Seoul, Korea 2024 / p. 121-122 : ill https://doi.org/10.1109/ICASSPW62465.2024.10627656 Article at Scopus Article at WOS

Sound reflection at an open end of a circular duct exhausting hot gas
Rämmal, Hans; **Lavrentjev, Jüri** Noise control engineering journal 2008 / 2, p. 107-114 https://www.ingentaconnect.com/content/ince/ncej/2008/00000056/00000002/art00002;jsessionid=1nroaerjhk1bh.x-ic-live-01

Sound reflection from subsonic flow duct termination exhausting hot jet
Rämmal, Hans; **Lavrentjev, Jüri** INTER-NOISE 2008 : 37th International Congress and Exposition on Noise Control Engineering : Shangai, 26-29. October 2008 : proceedings. Vol 3 2009 / p. 1703-1711 https://kth.diva-portal.org/smash/record.jsf?pid=diva2%3A337599&dswid=3257

Source characterization of fans using acoustic 2-port models
Boden, Hans; Abom, Mats; **Lavrentjev, Jüri** Proceedings FAN NOISE, Sept., 1992, Senlis, France 1992 / p. 359-364

Statical testing of an acoustic screen model
Kulbach, Valdek; **Paane, Peeter** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 21-31: ill

Studies of flow duct acoustics with applications to turbocharged engines : doctoral thesis
Rämmal, Hans 2009 https://www.diva-portal.org/smash/get/diva2:220198/fulltext01

Surface wave conversion analysis on a lengthwise soldered circular cylindrical shell
Baillard, Andre; Chiumia, Jeremiah; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander**; **Metsaveer, Jaan** Journal of Acoustical Society of America 2008 / 4, p. 2061-2067 https://pubs.aip.org/asa/jasa/article/124/4/2061/980878/Surface-wave-conversion-analysis-on-a-lengthwise

Tallinna Laululava akustiliset ekraanist
Laul, Heinrich Ehitusinsenerid TPI-st : [kogumik] 1986 / lk. 150-153 ; fotod https://www.ester.ee/record=b1248083*est

Tehisakustikaga kontserdisaal
Agur, Ustus Tehnika ja Tootmine 1984 / lk. 33-34 https://www.ester.ee/record=b1073047*est

Tehnikaülikoolis on uus ja võimas akustikalabor
Mente et Manu 2018 / lk. 9 : fot https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/ http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2836014*est

Testrig for characterization of turbo-compressor acoustic properties [Electronic resource]
Rämmal, Hans; Abom, Mats Proceedings of the 29th International AIAA Aeroacoustics Conference : Vancouver, Canada, 2008 2008 / ? p. [CD-ROM] https://arc.aiaa.org/doi/10.2514/6.2008-2959

The passive acoustic effect of automotive catalytic converters
Lavrentjev, Jüri; **Rämmal, Hans**; **Tiikoja, Heiki** SAE technical papers 2011 / [8] p.: ill
https://www.researchgate.net/publication/289649603_The_Passive_Acoustic_Effect_of_Automotive_Catalytic_Converters

The passive acoustic effect of turbo-compressors
Rämmal, Hans; Galindo, J. 9th International Conference on Turbochargers and Turbocharging : London, UK, 2010 2010

TTÜ avas võimsa akustikalabori
Ehitaja 2018 / lk. 45 : fot http://www.ester.ee/record=b1072123*est

TTÜ uhiuus akustikalabor aitab nii arendus- kui ka teadustöös
Kamps, Mari Director. Inseneeria 2018 / lk. 104-107 : fot http://www.ester.ee/record=b1519314*est
https://artiklid.elnet.ee/record=b2834510*est

Underwater monitoring of pinniped vocalizations in the Gulf of Riga
Prawirasasra, Muhammad Saladin; **Mustonen, Mirko**; **Klauson, Aleksander** Proceedings of Meetings on Acoustics 2019 / art. 070015, 8 p. : ill https://doi.org/10.1121/2.0001286

Unique determination of the shape of a scattering screen from a passive measurement
Blasten, Emilia; **Päivärinta, Lassi Juhani**; **Sadique, Sadia** Mathematics 2020 / art. 1156, 15 p https://doi.org/10.3390/math8071156
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Uudne teadustöö pakub nippe aariate arusaadavamaks muutmiseks = Эстонские ученые выяснили, почему нам трудно разобрать слова в опере
novaator.err.ee 2023 Uudne teadustöö pakub nippe aariate arusaadavamaks muutmiseks Эстонские ученые выяснили, почему нам трудно разобрать слова в опере

Vajame saali akustikale kindlamat prognoosi
Jaaniso, Malle; **Oruvee, Helmut** Ehitus ja Arhitektuur : Eesti Ehitusministeeriumi bülletään 1969 / lk. 20-25 : joon
https://www.ester.ee/record=b1294849*est

Validation of 1D and 3D analyses for performance prediction of an automotive silencer
Siano, Daniela; Auriemma, Fabio; Bozza, Fabio; **Rämmal, Hans** SAE technical papers 2011 / [14] p
https://www.researchgate.net/publication/258519244_Validation_of_1D_and_3D_Analyses_for_Performance_Prediction_of_an_Automotive_Silencer

Young's modulus of illitic clay in the temperature region of quartz transition
Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit**; Knapek, Michal Journal of thermal analysis and calorimetry 2022 / p. 7701-7707
https://doi.org/10.1007/s10973-021-11083-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Акустическая очистка котлов
Tiikma, Toomas Экотехнология и ресурсосбережение 2002 / 1, с. 71-75

Акустодиагностика свойств неоднородной стандартной вязкоупругой среды
Ravasoo, Arvi Теория и расчет тонкостенных пространственных конструкций 1985 / с. 143-151 : ил
https://www.ester.ee/record=b1351699*est https://digikogu.taltech.ee/et/Item/c696f9e4-1e00-42c7-8750-eb14ba1d01c4

Анализ акустических полей, рассеянных упругими цилиндрами : автореферат ... кандидата физико-математических наук (01.02.04)
Korsunski, Viktor 1987 http://www.ester.ee/record=b1241063*est

Анализ акустических полей, рассеянных упругими цилиндрами : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела
Korsunski, Viktor 1986 http://www.ester.ee/record=b2456937*est

Анализ работы акустического экрана Тартуской певческой эстрады
Paane, Peeter Тонкостенные пространственные конструкции 1989 / с. 29-40

Влияние модели стрингера на рассеяние звука подкрепленными цилиндрическими оболочками
Metsaveer, Jaan; **Klauson, Aleksander** Акустика и ультразвуковая техника : республиканский межведомственный научно-технический сборник, 21 1986 / с? https://www.ester.ee/record=b1873199*est

Всесоюзный симпозиум взаимодействие акустических волн с упругими телами : (Таллинн, 26-27 октября 1989 г.) : краткие тексты докладов
1989 https://www.ester.ee/record=b1296539*est

Дифракция акустических волн на цилиндрической оболочке, подкрепленной стрингерами
Klauson, Aleksander Теория и расчет тонкостенных пространственных конструкций 1986 / с. 125-131

Дифракция акустических импульсов на упругих телах
Metsaveer, Jaan; Veksler, Naum; Stulov, Anatoli 1979 https://www.ester.ee/record=b1519387*est

Дифракция звука на оболочках сложной формы
Käes, Alar Всесоюзный симпозиум "Взаимодействие акустических волн с упругими телами" : краткие тексты докладов, Таллинн, 26-27 октября 1989 г. 1989 / с. 127-130 : илл https://www.ester.ee/record=b1296539*est

Дифракция звука на цилиндерской оболочке с деформируемым продольным ребром
Klauson, Aleksander; **Metsaveer, Jaan** Всесоюзный симпозиум "Взаимодействие акустических волн с упругими телами" : краткие тексты докладов, Таллинн, 26-27 октября 1989 г. 1989 / с. 106-109 : илл https://www.ester.ee/record=b1296539*est

Дифракция звука на цилиндрической оболочке, подкрепленной стрингерами : автореферат ... кандидата физико-математических наук (01.02.04)
Klauson, Aleksander 1987 http://www.ester.ee/record=b1353276*est

Дифракция звука на цилиндрической оболочке, подкрепленной стрингерами : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела
Klauson, Aleksander 1987 http://www.ester.ee/record=b2456725*est

Излучение акустических волн некруговой цилиндрической оболочкой в жидкости
Ross, Urmas; **Lahe, Andres** Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1990 / 1, lk. 40-45: ill

Излучение звуковых волн цилиндрическими оболочками произвольной формы в жидкости
Ross, Urmas Всесоюзный симпозиум "Взаимодействие акустических волн с упругими телами" : краткие тексты докладов, Таллинн, 26-27 октября 1989 г. 1989 / с. 160-162 : илл https://www.ester.ee/record=b1296539*est

Исследование акустики залов с точки зрения геометрической акустики
Oruvee, Helmut Строительные конструкции и строительная физика. 1 1963 / с. 225-242 : илл
https://www.ester.ee/record=b2181827*est https://digikogu.taltech.ee/et/Item/4f8bb93b-51f3-4d84-9ab1-07da67420b34

Исследование акустических полей, рассеянных идеальными и упругими сфероидами : автореферат ... кандидата физико-математических наук (01.02.04)
Roždestvenski, Konstantin 1989 http://www.ester.ee/record=b2341602*est

Исследование акустических полей, рассеянных идеальными и упругими сфероидами : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела
Roždestvenski, Konstantin 1989 http://www.ester.ee/record=b2473507*est

Исследование эффекта акустических экранов на акустический баланс помещений
Oruvee, Helmut Строительные конструкции и строительная физика. 1 1963 / с. 205-224 : илл
https://www.ester.ee/record=b2181827*est https://digikogu.taltech.ee/et/Item/4f8bb93b-51f3-4d84-9ab1-07da67420b34

Исследования текстуры белкового полуфабриката для тортов акустическим способом
Бальчюнайте, Рима; Юодейкене, Гражина 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция химии и технологии пищевых продуктов. Секция биотехнологии 1991 / с. 13-15: ил

Моделирование подвижностей носителей. 1, Рассеивание на акустических фононах и на нейтральной и ионизированной примеси
Rang, Toomas Анализ и синтез сложных систем и цепей с помощью ЭВМ 1986 / с. 103-116

Некоторые вопросы прохождения акустических волн через слоистые пластины
Hein, A.; **Tümanok, Aleksei** XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов).

Математика, физика и химия 1970 / с. 12 https://www.ester.ee/record=b1379468*est

Нестационарное взаимодействие акустического импульса с упругим цилиндром, содержащим упругий заполнитель
Korsunski, Viktor Двумерное поле напряжений и оптимальные плоские системы 1981 / с. 55-62 : илл
https://www.ester.ee/record=b1319008*est https://digikogu.taltech.ee/et/Item/8ec0bf04-e0db-4a16-a1ab-14a4b18e0132

О влиянии продольных ребер на акустическое поле, рассеянной круговой цилиндрической оболочкой
Klauson, Aleksander; **Metsaveer, Jaan** IV Всесоюзный симпозиум по физике акусто-гидродинамических явлений и оптоакустике, Ашхабад, 1985 1985 / с. 52

О возможности моделирования звукового поля
Talvik, Andres Труды 9. всесоюзной акустической конференции 1977 / с. [?]

О погрешности измерения среднеквадратичного уровня акустических сигналов, обусловленной ограничением амплитуды сигналов в измерительном тракте
Tamm, Uljas Акустический журнал 1974 / с. 648-650 : илл https://www.ester.ee/record=b1355881*est

О применении теории оболочек в задачах рассеяния акустических волн от сферических оболочек в жидкой среде
Metsaveer, Jaan Труды VII Всесоюзной конференции по теории оболочек и пластинок, Днепропетровск, 1969 1970 / с. 421-424 : ил https://www.ester.ee/record=b2874701*est

О применимости первого асимптотического приближения для описания изменения формы волны в акустодиагностике неоднородной среды
Ravasoo, Arvi Статические и динамические методы анализа пластин и оболочек 1984 / с. 73-80 : ил
https://www.ester.ee/record=b1513177*est https://digikogu.taltech.ee/et/Item/b3b9ea4a-074a-483e-bbaa-e387c7dfa79e

О рассеянии акустических волн от упругих сферических оболочек : автореферат ... кандидата технических наук (023)
Metsaveer, Jaan 1970 https://www.ester.ee/record=b1380792*est

О рассеянии акустических волн от упругих сферических оболочек : диссертация на соискание ученой степени кандидата технических наук
Metsaveer, Jaan 1970 https://www.ester.ee/record=b3036970*est

О рассеянии волн упругими сферическими оболочками в аккустической свере
Metsaveer, Jaan Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1970 / lk. 415-422 : ill
https://www.ester.ee/record=b1264310*est

О рассеянии нестационарных эхо-сигналов упругими сферическими оболочками
Metsaveer, Jaan Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1971 / lk. 295-299 : ill
https://www.ester.ee/record=b1264310*est

Применение звукопоглощающих материалов для акустического благоустройства зрительных залов в Эстонской ССР
Jaaniso, Malle Сборник докладов по строительству : [доклады конференции молодых ученых и специалистов Прибалтики и Белорусской ССР по проблемам строительства в Риге 1971 г 1971 / с. 163-167 https://www.ester.ee/record=b1332034*est

Проблемы архитектурно-акустического проектирования музыкальных залов и студий
Oruvee, Helmut Сборник статей по санитарной технике. 1 1964 / с. 137-156 : илл https://www.ester.ee/record=b2085151*est
https://digikogu.taltech.ee/et/Item/56972baf-c3b8-4c5d-a24d-4837b838dacc

Рассеяние звука на цилиндрической продольно-подкрепленной оболочке
Klauson, Aleksander; **Metsaveer, Jaan** Акустический журнал 1989 / с. 71-75 https://www.ester.ee/record=b1355881*est

Расчет акустических характеристик систем газообмена двухтактных двигателей
Lavrentjev, Jüri Повышение мощностных, экономических и экологических характеристик двухтактовых карбюраторных двигателей : материалы Таллиннского всесоюзного научно-технического семинара, 1-3 декабря 1987 года 1988 / с. 29-30
https://www.ester.ee/record=b1226891*est

Теория и практика применения акустических экранов для массовых ансамблей
Oruvee, Helmut Строительные конструкции и строительная физика. 1 1963 / с. 187-204 : илл
https://www.ester.ee/record=b2181827*est https://digikogu.taltech.ee/et/Item/4f8bb93b-51f3-4d84-9ab1-07da67420b34

Численный подход для исследования излучения и рассеяния оболочками, погруженными в жидкость
Käes, Alar; **Lahe, Andres**; **Ross, Urmas** XI Всесоюзная акустическая конференция : аннотации докладов 1991 / 1 с