

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
<https://doi.org/10.1121/1.4769398> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic scattering by a fluid-loaded cylindrical shell with an internal plate

Klauson, Aleksander; Metsaveer, Jaan; Baillard, Andre; Decultot, Dominique; Maze, Gerard The Journal of the Acoustical Society of America 1996 / no. 4, pt. 2, p. 2544 https://pubs.aip.org/asa/jasa/article/99/4_Supplement/2544/703216/Acoustic-scattering-by-a-fluid-loaded-cylindrical

Acoustic scattering by immersed circular cylindrical shell stiffened by internal lengthwise rib

Maze, Gerard; Decultot, Dominique; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1994 / 5, Pt. 2, p. 2868

Acoustic scattering by submerged cylindrical shell stiffened by an internal lengthwise rib

Klauson, Aleksander; Maze, Gerard; **Metsaveer, Jaan** The Journal of the Acoustical Society of America 1994 / 3, p. 1575-1581: ill
<https://pubs.aip.org/asa/jasa/article-abstract/96/3/1575/971316/Acoustic-scattering-by-submerged-cylindrical-shell?redirectedFrom=fulltext>

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

Allveekustika [Võrguteavik] : terminoloogia = Underwater acoustics : terminology (ISO 18405:2017, identical)

2020 https://www.ester.ee/record=b5352839*est

An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates

Lasn, Kaspar; Echtermeyer, Andreas T.; **Klauson, Aleksander**; Chati, Farid; Decultot, Dominique Composites. Part B: Engineering 2015 / p. 260-268 : ill <https://doi.org/10.1016/j.compositesb.2015.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 orthogonality-relation for the separation of Lamb modes at a plate edge : numerical and experimental predictions

Ratassepp, Madis; Klauson, Aleksander; Chati, Farid Ultrasonics 2015 / p. 90-95 : ill <https://doi.org/10.1016/j.ultras.2014.10.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applying guided waves for the characterization of defects in isotropic plates

Ratassepp, Madis; Rihma, Joonas; **Klauson, Aleksander** OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts 2011 / p. 38

Assessment of the proportion of anthropogenic underwater noise levels in passiveacoustic monitoring

Mustonen, Mirko; Klauson, Aleksander; Berdnikova, Julia; Tommingas, Mihkel Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill <https://doi.org/10.1121/2.0000939>

Axial defect imaging in a pipe using synthetically focused guided waves

Ratassepp, Madis; Fletcher, Sam; **Klauson, Aleksander** Estonian journal of engineering 2011 / 1, p. 66-75 : ill

Back-calculation of elastic moduli of a ply from the moduli of cross-ply laminates

Lasn, Kaspar; Klauson, Aleksander; Echtermeyer, Andreas T. Mechanics of composite materials 2015 / p. 55-68 : ill
<https://doi.org/10.1007/s11029-015-9476-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BIAS : a regional management of underwater sound in the Baltic Sea

Sigray, Peter; Andersson, Mathias; Pajala, Jukka; **Laanearu, Janek; Klauson, Aleksander** The effects of noise on aquatic life II 2016 / p. 1015-1023 : ill https://doi.org/10.1007/978-1-4939-2981-8_126 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

Comparison of laminate stiffness as measured by three experimental methods

Lasn, Kaspar; Echtermeyer, Andreas T.; **Klauson, Aleksander**; Chati, Farid; Decultot, Dominique Polymer testing 2015 / p. 143-152 : ill <https://doi.org/10.1016/j.polymertesting.2015.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Curvature effects on wave propagation in an infinite pipe

Ratassepp, Madis; Klauson, Aleksander Ultragarsas = Ultrasound 2006 / 2(59), Proceedings of the International Conference "Non-Destructive Testing and Diagnostics - 2006" : 26-27 May 2006, Vilnius, p. 19-25 : ill https://www.ndt.net/article/ultragarsas/59-2006-vol.2_04-m.ratassepp.pdf

Diffusion acoustique d'un moyeu et d'une pale

Cite, Nicolas; Chati, Farid; Leon, Fernand; Maze, Gerard; **Naar, Hendrik; Klauson, Aleksander** 10eme Congres Francais d'Acoustique : Lyon, 12-16 Avril 2010 2010 / [5] p. : ill <https://theses.hal.science/CFA2010-APU12/hal-00537192v1>

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/>

Edge resonances in semi-infinite thick pipe : theoretical predictions and measurements [Electronic resource]

Ratassepp, Madis; Klauson, Aleksander; Chati, Farid; Leon, Fernand; Maze, Gerard Special issue of the Revista de Acustica : 19th international Congress on Acoustics, Madrid (Spain), 2-7 September 2007 2007 / [6] p. [CD-ROM] <https://pubs.aip.org/asa/jasa/article/124/2/875/841531/Edge-resonance-in-semi-infinite-thick-pipe>

Eesti teadlased aitavad kaardistada Läänemere veealust mürataset : [sellealasest uurimistööst TTÜs]

Jaagant, Urmas; **Klauson, Aleksander** Laupäev 2014 / lk. 4 <https://epl.delfi.ee/artikkel/67550200/eesti-teadlased-aitavad-kaardistada-laanemere-veealust-murataset>

Effect of internal inhomogeneities on acoustic scattering from finite cylindrical shell bounded by hemispherical endcaps

Touraine, Nicolas; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1999 / 2, pt. 2, p. 1088 https://pubs.aip.org/asa/jasa/article/105/2_Supplement/1088/556970/Effect-of-internal-inhomogeneities-on-acoustic

Environmental impact assessment of continuous underwater noise in the Baltic Sea

Klauson, Aleksander; Mustonen, Mirko; Folegot, Thomas; Tougaard, Jakob Marine pollution bulletin 2024 / art. 117105, 12 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of stiffness and damage of laminar composites = Komposiitlaminaatide jäikuse ja kahjustuste hindamine

Lasn, Kaspar 2015 https://www.ester.ee/record=b4484893*est

An exact solution of truss vibration problems

Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263 : ill <https://doi.org/10.3176/proc.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental analysis of acoustic scattering from lengthwise soldered cylindrical shells

Chiumia, Jeremiah; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1999 / 1, p. 183-193

Experimental analysis of boundary layer dynamics in plunging breaking wave = Sukelduva murdlaine piirikihi dünaamika eksperimentaalne analüüs

Liiv, Toomas 2011

Experimental and theoretical study of the sound scattering by the axial ribbed cylindrical shell

Klauson, Aleksander; Decultot, Dominique; Maze, Gerard; **Metsaveer, Jaan** 2nd European Conference on Underwater Acoustics : proceedings. Vol. 1 1994 / p. 153-158: ill

Experimental and theoretical study of the sound scattering by the axially ribbed cylindrical shell

Klauson, Aleksander; Metsaveer, Jaan; Decultot, Dominique; Maze, Gerard II European Conference on Underwater Acoustics, Copenhagen, 4.06.-6.06.1994 1994

Experimental determination of elastic constants of an orthotropic composite plate by using Lamb waves

Lasn, Kaspar; Klauson, Aleksander; Chati, Farid; Decultot, Dominique Mechanics of composite materials 2011 / p. 435-446 : ill

Experimental evaluation and numerical modelling residual stresses in glass panel

Majak, Jüri; Anton, Johan; Õunapuu, Erko; Auriemma, Fabio; Pohlak, Meelis; Eerme, Martin; Klauson, Aleksander 2018 International Conference on Materials Science and Manufacturing Engineering (MSME 2018) MATEC web of conferences 2019 / art. 02003, 7 p. : ill <https://doi.org/10.1051/mateconf/201925302003>

Experimental identification of elastic constants of an orthotropic composite plate

Lasn, Kaspar; Klauson, Aleksander; Chati, Farid; Decultot, Dominique Proceedings of 16th International Conference on

Experimental identification of very low frequency flexural vibration modes of partly submerged plate [Electronic resource]
Decultot, Dominique; Chati, Farid; Maze, Gerard; **Klauson, Aleksander** Special issue of the Revista de Acustica : 19th International Congress on Acoustics, Madrid (Spain), 2-7 September 2007 2007 / [6] p. [CD-ROM]

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 domain analysis of the acoustic backscattering from an axially soldered tube

Touraine, Nicolas; Chiumia, Jeremiah; 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. 247-250: ill

Guided waves attenuation due to deposits on the pipe wall

El Moussaoui, Mustapha; Chati, M.; Leon, Fernand; **Klauson, Aleksander**; Maze, Gerard 2005 IEEE International Ultrasonics Symposium : Rotterdam, The Netherlands, 2005 2005 / p. 586-587 <https://ieeexplore.ieee.org/document/1603021>

Hazardous substances, marine litter, underwater noise, non-indigenous species : thematic assessment 2016-2021

Rowe, Owen; Ruiz, Marta; Wolf, Jana; Alurralde, Gaston; Blidberg, Eva; Brockmeyer, Berit; Munch Christensen, Anne; Fryer, Rob; **Klauson, Aleksander; Kolesova, Natalja** 2023 <https://helcom.fi/wp-content/uploads/2023/03/HELCOM-Thematic-assessment-of-hazardous-substances-marine-litter-underwater-noise-and-non-indigenous-species-2016-2021.pdf>

Heli vees. Inimese mürajalg meredes aina suureneb

Mustonen, Mirko; Klauson, Aleksander Horisont 2023 / lk. 8-13 : ill https://www.ester.ee/record=b1072243*est

Helical reinforcement in 3D printed concrete : development and characterization of a novel reinforcement technique = Heeliksarmatuur 3D-prinditud betoonis : uudse armeerimistehnika väljatöötamine ja iseloomustamine

Hass, Lauri 2025 https://www.ester.ee/record=b5729299*est <https://digikogu.taltech.ee/et/Item/8dbb1c2d-6025-4491-a2ce-60867c902d90> <https://doi.org/10.23658/taltech.1/2025>

Helical wave analysis for spherical wave scattering by an infinite cylindrical shell [Electronic resource]

Metsaveer, Jaan; Klauson, Aleksander 17th International Congress on Acoustics : Rome, Italy, 2-7 September 2001. 1 2001 / [2] p. [CD-ROM]

Identification of the resonances of a cylindrical shell stiffened by an internal lengthwise rib

Klauson, Aleksander; Metsaveer, Jaan; Decultot, Dominique; Maze, Gerard; Ripoché, Jean The Journal of the Acoustical Society of America 1996 / 5, p. 3135-3143

Influence of the curvature on the dispersion curves of a submerged cylindrical shell

Metsaveer, Jaan; Klauson, Aleksander The Journal of the Acoustical Society of America 1996 / 3, p. 1551-1560: ill <https://pubs.aip.org/asa/jasa/article-abstract/100/3/1551/558269/Influence-of-the-curvature-on-the-dispersion?redirectedFrom=PDF>

Influence of the curvature to the dispersion curves of submerged cylindrical shell

Metsaveer, Jaan; Klauson, Aleksander Third International Congress on Air- and Structure-borne Sound and Vibration, June 13-15, 1994, Montreal, Canada : proceedings. Vol. 1 1994 / p. 117-122: ill

Influence of the internal solder layer and of A-wave on acoustic scattering from finite cylindrical shells with hemispherical endcaps

Touraine, Nicolas; Chiumia, Jeremiah; Barriere, C.; Decultot, Dominique; **Klauson, Aleksander; Metsaveer, Jaan**; Maze, Gerard Proceedings of Fourth European Conference on Underwater Acoustics, Rome, 1998 1998 / p. 897-902

Influence of the propagation angle on the dispersion curves of a submerged cylindrical shell

Metsaveer, Jaan; Klauson, Aleksander 7th International Congress on Sound and Vibration : 4-7 July 2000, Garmisch-Partenkirchen, Germany 2000 / p. 1457-1464 : ill

Inimtekkeline heli ookeanis ja selle mõju merekeskkonnale

Klauson, Aleksander Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 66-74 : ill https://www.ester.ee/record=b5208765*est

Kõrvulukustav Läänemeri

Maran, Kaur; **Klauson, Aleksander** Postimees 2016 / lk. 24-25

Lamb mode separation at the plate edge by applying the orthogonality relation

Ratassepp, Madis; Klauson, Aleksander 11th European Conference on Non-Destructive Testing (ECNDT 2014), October 6-10, 2014, Prague, Czech Republic 2014 / [8] p. : ill

Longitudinal mode L(0,4) used for the determination of the deposit width on the wall of a pipe

Chati, Farid; Leon, Fernand; El Moussaoui, Mustapha; **Klauson, Aleksander**; Maze, Gerard NDT&E international 2011 / p. 188-194 : ill <https://doi.org/10.1016/j.ndteint.2010.12.001>

Low frequency acoustic radiation of cylindrical shells in water

Van de Loock, Julien; Decultot, Dominique; **Klauson, Aleksander** Proceedings of Meetings on Acoustics 2012 / art. 070019, p. 1-9 : ill <http://dx.doi.org/10.1121/1.4767967>

Material characterization for laminated glass composite panel

Väer, Kaur; Anton, Johan; **Klauson, Aleksander**; **Eerme, Martin**; **Õunapuu, Erko**; Tšukrejev, Pavel Journal of achievements in materials and manufacturing engineering 2017 / p. 11-17 <https://doi.org/10.5604/01.3001.0010.2032> [Journal metrics at Scopus](#) [Article at Scopus](#)

Materjalide katsetamise uus tase : TTÜ tugevuslabori kaasajastamine

Klauson, Aleksander; **Metsaveer, Jaan**; **Raukas, Uusi** Tallinna Tehnikaülikooli aastaraamat 2008 2009 / lk. 115-117 : fot

Model of the plugging detection in metallic pipes using ultrasonic guided waves [Electronic resource]

Ratassepp, Madis; **Metsaveer, Jaan**; **Klauson, Aleksander** Eleventh International Congress on Sound and Vibration : St.Petersburg, Russia, 5-8 July 2004 2004 / p. 1937-1942 [CD-ROM]

Modelling residual stresses in glass structures

Õunapuu, Erko; Anton, Johan; **Klauson, Aleksander** AIP conference proceedings 2019 / art. 330007 <https://doi.org/10.1063/1.5114345> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modified transfer matrix method for steady-state forced vibration : a system of bar elements

Lahe, Andres; **Braunbrück, Andres**; **Klauson, Aleksander** Proceedings of the Estonian Academy of Sciences 2020 / p. 143–161 : ill <https://doi.org/10.3176/proc.2020.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Natural and anthropogenic underwater ambient sound in the Baltic Sea = Läänemere looduslik ja inimtekkeline veealune ümbrusheli

Mustonen, Mirko 2020 <https://digikogu.taltech.ee/et/Item/80dbd67a-e5fe-49ce-8b2e-45307b64f2b4>

Natural sound estimation in shallow water near shipping lanes

Mustonen, Mirko; **Klauson, Aleksander**; Folegot, Thomas; Clorennec, Dominique The Journal of the Acoustical Society of America 2020 / p. 177-183 <https://doi.org/10.1121/10.0000749> [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; Ripoché, Jean; **Klauson, Aleksander**; **Metsaveer, Jaan**; Überall, H. Acustica 1995 / p. 201-213: 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

Passenger ship source level determination in shallow water environment

Mustonen, Mirko; **Klauson, Aleksander**; **Laanearu, Janek**; **Ratassepp, Madis**; Folegot, Thomas; Clorennec, Dominique Proceedings of Meetings on Acoustics 2016 / art. 070015, p. 1-9 : ill <http://dx.doi.org/10.1121/2.0000323>

Recycling of waste printed circuit boards by mechanical milling

Goljandin, Dmitri; **Kulu, Priit**; **Klauson, Aleksander**; **Antonov, Maksim** Proceedings of the Estonian Academy of Sciences 2024 / p. 43-49 <https://doi.org/10.3176/proc.2024.1.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reporting impulsive noise from underwater explosions using seismic data

Mustonen, Mirko; **Klauson, Aleksander** The effects of noise on aquatic life : principles and practical considerations 2024 / p. 1903-1908 https://doi.org/10.1007/978-3-031-50256-9_116

Resonance scattering of the axially stiffened cylindrical shell in water

Klauson, Aleksander Third International Congress on Air- and Structure-borne Sound and Vibration, June 13-15, 1994, Montreal, Canada : proceedings. Vol. 3 1994 / p. 1589-1592: ill

Scattering of the fundamental shear horizontal mode in a plate when incident at a through-crack aligned in the propagation direction of the mode

Ratassepp, Madis; Lowe, Michael John Stewart; Cawley, P.; **Klauson, Aleksander** Journal of Acoustical Society of America 2008 / 5, p. 2873-2882 <https://pubmed.ncbi.nlm.nih.gov/19045775/>

Separation of Lamb modes at a plate edge by using orthogonality relation

Ratassepp, Madis; Klauson, Aleksander; Chati, Farid; Leon, Fernand; Maze, Gerard Estonian journal of engineering 2013 / p. 283-291 : ill https://artiklid.elnet.ee/record=b2654277*est <https://doi.org/10.3176/eng.2013.4.03> [Article at Scopus](#)

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>

Sound radiation by a submerged axially reinforced shell

Klauson, Aleksander; Metsaveer, Jaan European Conference on Underwater Acoustics 1992 / p. 381-384: ill

Sound radiation by a submerged cylindrical shell containing inhomogeneities

Klauson, Aleksander; Metsaveer, Jaan Second International Congress on Recent Developments in Air- and Structure-Borne Sound and Vibration : proceedings, March 4-6, 1992, Auburn University, USA. Vol. 3 1992 / p. 1227-1234

Sound scattering by a cylindrical shell reinforced by lengthwise ribs and walls

Klauson, Aleksander; Metsaveer, Jaan Journal of the Acoustical Society of America 1992 / 91(4), pt. 1, p. 1834-1843

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 cylindrical shell with an internal axial stiffener

Klauson, Aleksander; Metsaveer, Jaan; Decultot, Dominique; Maze, Gerard; Ripoché, Jean Acoustic interactions with submerged elastic structures. Part 1, Acoustic scattering and resonances 1996 / p. 242-274: 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 fluid-loaded finite cylindrical shell

Klauson, Aleksander; Metsaveer, Jaan; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Proceedings of the 16th International Congress on Acoustics and 135th Meeting of the Acoustical Society of America, Seattle, Washington, 20-26 June 1998 1998 / p. 575-576

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

Sound scattering from a cylindrical shell stiffened by a transversal plate

Klauson, Aleksander; Metsaveer, Jaan; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard Proceedings of the Sixth European Conference on Underwater Acoustics 2002 / p. 137-140

Spatial and temporal variability of ambient underwater sound in the Baltic Sea

Mustonen, Mirko; Klauson, Aleksander; Andersson, Mathias; Clorennec, Dominique Scientific reports 2019 / art. 13237, 13 p. : ill <https://doi.org/10.1038/s41598-019-48891-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Synthesis of the echo-signal from a cylindrical shell

Ratassepp, Madis; **Metsaveer, Jaan; Klauson, Aleksander;** Decultot, Dominique; Maze, Gerard Tenth International Congress on Sound and Vibration : 7-10 July 2003, Stockholm, Sweden 2003 / p. 2483-2490 : ill https://www.researchgate.net/publication/290165960_Synthesis_of_the_echo-signal_from_a_cylindrical_shell

Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega

Scientists: Estonia could monitor undersea infrastructure with microphones

Эстония могла бы контролировать подводные кабели с помощью микрофонов

Piir, Rait novaator.err.ee 2023 [Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega](#) [Scientists: Estonia could monitor undersea infrastructure with microphones](#) Эстония могла бы контролировать подводные кабели с помощью микрофонов

The determination of mechanical properties of orthotropic composites

Lasn, Kaspar; Klauson, Aleksander; Chati, F.; Decultot, Dominique XVI International Conference Mechanics of Composite Materials : book of abstracts 2010 / p. 117

Tugevusõpetus : õpik kõrgkoolidele

Klauson, Aleksander; Metsaveer, Jaan; Põdra, Priit; Raukas, Uusi 2017 http://www.ester.ee/record=b4649060*est

Tugevusõpetus : õpik kõrgkoolidele

Klauson, Aleksander; Metsaveer, Jaan; Põdra, Priit; Raukas, Uusi 2012 https://www.ester.ee/record=b2860224*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>

Underwater noise impact of a ferry route on dive patterns of transiting Baltic ringed seals

Prawirasasra, Muhammad Saladin; Jüssi, Mart; **Mustonen, Mirko; Klauson, Aleksander** Estonian journal of earth sciences 2022 / p. 201–213 <https://doi.org/10.3176/earth.2022.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Underwater soundscape

Pajala, Jukka; **Klauson, Aleksander; Laanearu, Janek;** Peltonen, Heikki; **Mustonen, Mirko** The Gulf of Finland assessment 2016 / p. 292-305 : ill <http://hdl.handle.net/10138/166296>

Underwater soundscape analysis in shallow coastal waters = Veealuse helimaastiku analüüs madalates rannikuvetes

Prawirasasra, Muhammad Saladin 2024 https://www.ester.ee/record=b5685069*est <https://doi.org/10.23658/taltech.21/2024> <https://digikogu.taltech.ee/et/Item/cc4fd2ab-05db-44cf-9cf8-bb73f32671a7>

The underwater soundscape at Gulf of Riga marine-protected areas

Prawirasasra, Muhammad Saladin; Mustonen, Mirko; Klauson, Aleksander Journal of marine science and engineering 2021 / 17 p. : ill <https://doi.org/10.3390/jmse9080915> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using orthogonality-relation for the separation of Lamb modes at a plate edge

Ratassepp, Madis; Chati, Farid; **Klauson, Aleksander** Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 129-134 : ill

Wave scattering at discontinuities in plates and pipes = Lainete interaktsioon defektidega plaatides ja torudes

Ratassepp, Madis; Klauson, Aleksander; Lowe, Michael John Stewart 2010 https://www.ester.ee/record=b2561121*est

Wind fetch effect on underwater wind-driven sound

Prawirasasra, Muhammad Saladin; Mustonen, Mirko; Klauson, Aleksander Estonian journal of earth sciences 2024 / p. 15-25 : ill <https://doi.org/10.3176/earth.2024.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Динамика цилиндрической подкрепленной оболочки под действием волны давления жидкости

Klauson, Aleksander; Metsaveer, Jaan Тонкостенные и пространственные конструкции покрытий зданий : тезисы докладов Всесоюзной конференции, [23-25 сентября 1986 года]. Том I, А - О 1986 / с. 61-62 : илл https://www.ester.ee/record=b1248726*est

Дифракция акустических волн на цилиндрической оболочке, подкрепленной стрингерами

Klauson, Aleksander Теория и расчет тонкостенных пространственных конструкций 1986 / с. 125-131

Дифракция звука на упругой ребристой цилиндрической оболочке

Klauson, Aleksander; Metsaveer, Jaan Человек и океан, дальневосточная акустическая конференция : тезисы докладов четвертой дальневосточной акустической конференции "Акустические методы и средства исследования океана" 1986 / с. 42-44

Дифракция звука на цилиндреской 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

Дифракция узконаправленных волн на цилиндрических телах

Klauson, Aleksander Теория и расчет тонкостенных пространственных конструкций 1985 / с. 135-141 : ил

https://www.ester.ee/record=b1351699*est <https://digikogu.taltech.ee/et/Item/c696f9e4-1e00-42c7-8750-eb14ba1d01c4>

"Инсайт": современные технологии могут уберечь людей от разрушительных землетрясений

Tooman, Artur rus.err.ee 2023 ["Инсайт": современные технологии могут уберечь людей от разрушительных землетрясений](https://www.ester.ee/record=b1355881*est)

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 использования порталной рамы в качестве конечного элемента при оптимизации многоконтурных рам

Bogdanov, Sergei; Klauson, Aleksander Статические и динамические методы анализа стержневых систем, пластин и оболочек 1982 / с. 3-8 : илл https://www.ester.ee/record=b1513150*est <https://digikogu.taltech.ee/et/Item/a4dac24b-9bf6-4205-ac81-4577ee9a905a>

Оптимальное проектирование рам

Jõgi, Emma; Klauson, Aleksander XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 1, Общественные науки. Физико-математические науки. Строительство. Экономика 1981 / с. 87 https://www.ester.ee/record=b1322624*est

Рассеяние звука на цилиндрической продольно-подкрепленной оболочке

Klauson, Aleksander; Metsaveer, Jaan Акустический журнал 1989 / с. 71-75 https://www.ester.ee/record=b1355881*est

Сотрудничество ученых НИПИсилакатобетона и ТПИ в области строительных материалов

Klauson, Aleksander Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 36-38 https://www.ester.ee/record=b1231513*est

Строительные конструкции и строительная механика

Jaaniso, Valdo; Aare, Johannes; Sarap, Arnold; Reiman, Ants; Voronov, V.A.; Loorits, Kalju; Mänd, Urmas; Tärno, Ülo; Õiger, Karl; Rattasepp, Toivo; Fjodorov, Vladimir; Otsmaa, Vello; Põial, R.; Oras, Riho; Voltri, Väino; Ravasoo, Arvi; Klauson, Aleksander; Tištšenko, V.B. 1986 https://www.ester.ee/record=b1355536*est

Структурный анализ дифракционного волнового поля с применением направленного зондирования сигнала

Klauson, Aleksander; Metsaveer, Jaan Тезисы докладов на V Всесоюзной конференции "Технические средства изучения и освоения океана", 24-26 сент. 1985 г.. Вып. 2 1985 / с. 15