

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 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 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

Analysing the influence of temperature and pressure on corona loss of 330kV overhead transmission line

Gupta, Pradeep Kumar 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering".

Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 79-80 : ill

https://www.ester.ee/record=b5570906*est

Automaatse proovi sisestusega ja tuumakondensatsiooni valgushajumise detektoriga kapillaarelektroforees

Ebber, Arkadi; **Kaljurand, Mihkel;** Magnusson, L.; Koropchak, J. XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 22-23 : ill

Automatic on-line sample introduction for capillary electrophoresis connected via electrospray with condensation nucleation light scattering detection

Ebber, Arkadi; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / 4, p. 187-199 : ill

A cluster of many small holes with negative imaginary surface impedances may generate a negative refraction index

Alsaedi, Ahmed; Ahmad, Bashir; **Challa, Durga Prasad;** Kirane, Mokhtar; Sini, Mourad Mathematical methods in the applied sciences 2016 / p. 3607-3622 : ill <https://doi.org/10.1002/mma.3805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison between RANS & DNS simulations of particle dispersion/collision in vertical turbulent pipe flows

Kartušinski, Aleksander HPC-Europa Science and Supercomputing in Europe : Bologna (Italy) 2006 / p. 402-404

Cones with convoluted geometry that always scatter or radiate

Blåsten, Emilia L.K.; Pohjola, Valter Inverse Problems 2022 / Art. 125001 <https://doi.org/10.1088/1361-6420/ac963c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

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

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

Extraction of the index of refraction by embedding multiple small inclusions

Alsaedi, Ahmed; Alzahrani, Faris; **Challa, Durga Prasad;** Kirane, Mokhtar; Sini, Mourad Inverse problems 2016 / art. 045004, p. 1-18 : ill <http://iopscience.iop.org/0266-5611/32/4/045004> <https://doi.org/10.1088/0266-5611/32/4/045004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Foldy-Lax approximation of the scattered waves by many small bodies for the Lamé system

Challa, Durga Prasad; Sini, Mourad Mathematische Nachrichten 2015 / p. 1834-1872 <https://doi.org/10.1002/mana.201400137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hajukiirgus Eestis

Tomson, Teolan TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : fifteenth conference proceedings, Tartu, Estonia, 2013 2013 / lk. 86-95

Heli hajumine ruumis

Talvik, Andres Ehitus ja Arhitektuur : Eesti Ehitusministeeriumi bülletään 1977 / lk. 12-14 : ill https://www.ester.ee/record=b1294849*est

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]

Influence of excitonic scattering on charge carrier ambipolar diffusion in silicon

Udal, Andres; Velme, Enn ESSDERC'97 : proceedings of the 27th European Solid-State Device Research Conference, Stuttgart, Germany, 22-24 September 1997 1997 / p. 212-215: ill <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=1503333>

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

Inverse scattering of acoustic and electromagnetic waves from flat screens and properties of integral transforms on a half axis = Akustiliste ja elektromagnetlainete pöördhajumine lamekraanilt ja integraalteisenduste omadused poolteljel

Sadique, Sadia 2024 <https://digikogu.taltech.ee/et/Item/28570bed-3e57-4a39-8e28-88f6ce126620> https://www.ester.ee/record=b5672013*est <https://doi.org/10.23658/taltech.12/2024>

Large-scale preparation of fully deuterated cell components. Ribosomes from Escherichia coli with high biological activity

Vanatalu, K.; **Paalme, Toomas; Vilu, Raivo**; Burkhardt, N.; Jünemann, R.; May, R.; Rühl, M.; Wadzack, J.; Nierhaus, K.H. European journal of biochemistry 1993 / p. 315-321 <https://febs.onlinelibrary.wiley.com/doi/10.1111/j.1432-1033.1993.tb18148.x>

Mathematical model of echolocation of fish-catching bats

Stulov, Anatoli Wave motion 2013 / p. 579-585 : ill <https://doi.org/10.1016/j.wavemoti.2012.12.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Model and hybrid polystyrenes containing trispentafluorophenylgermanium end groups

Zakharova, Olga; Simonova, Maria; **Tarasova, Elvira**; Filippov, Alexander; Semchikov, Yuri International journal of polymer analysis and characterization 2009 / 5, p. 454-467 <https://www.tandfonline.com/doi/full/10.1080/10236660903031330>

Modeling of lattice heat conductivity and thermopower in SiC considering the four-phonon scattering processes

Velme, Enn; Udal, Andres Material science forum 2003 / p. 391-394 <https://www.scientific.net/MSF.433-436.391>

Modelling of Seebeck coefficient influenced by carrier phonon drag and mixed scattering

Milatskov, Milko BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 57-60 : ill

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

Pilvealune päikesekiirgus

Tomson, Teolan Keskkonnatehnika 2013 / lk. 32-33 : ill https://artiklid.elnet.ee/record=b2600882*est

Possible anomalous ZZg and Zgg couplings and Z boson spin orientation in e+ e- Zg

Ots, Ilmar; Uibo, H.; Liivat, H.; **Loide, Rein-Karl**; Saar, Rein Nuclear physics B 2004 / p. 346-356 <https://ui.adsabs.harvard.edu/abs/2006NuPhB.740..212O/abstract>

Protsessi hajuvuse komponentide mõnede mudelite identifitseerimine ja kasutamine

Kiitam, Andres Ülemaailmsele kvaliteedipäevale ja Euroopa kvaliteedinädalale pühendatud rahvusvaheline konverents Parimad kogemused edu saavutamiseks 10.-11. novembril 1999. a. Tallinnas 1999 / lk. 142-146, 387-391

Raman scattering characterization of ion-beam synthesized Mg₂Si. 1, Influence of the technological conditions on the formation of the Mg₂Si in(100) Si matrix

Atanassov, Alexander; Zlateva, Genoveva; Baleva, Mitra; Goranova, Ekaterina; Amov, Blagoj; Angelov, Christo; **Mikli, Valdek** Plasma processes and polymers 2006 / 2, p. 219-223 : ill <https://onlinelibrary.wiley.com/doi/pdf/10.1002/ppap.200500088>

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 acoustic and electromagnetic waves by flat screen

Sadique, Sadia 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 67

Scattering of the fundamental torsional mode at an axial crack in a pipe

Ratassepp, Madis; Fletcher, Sam; Lowe, Michael John Stewart The journal of the Acoustical Society of America 2010 / 2, p. 730-740 : ill <https://pubs.aip.org/asa/jasa/article/127/2/730/917913/Scattering-of-the-fundamental-torsional-mode-at-an>

Simulation of scattering from the grating of resistive microwires

Ziemelis, J.; Chertov, P. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 271-272: 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

State assignment of FSM for decrease of power dissipation

Kasirova, Lilia; Keevallik, Andres; Meškov, Mihhail Proceedings of 2nd International Conference CAD DD '97, Minsk, 1997 1997 / p. 127-135

Strictly convex corners scatter

Päivärinta, Lassi Juhani; Salo, Mikko; Vesalainen, Esa V. Revista matematica iberoamericana 2017 / p. 1369-1396
<https://doi.org/10.4171/rmi/975> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Strictly convex corners scatter [Online resource]

Päivärinta, Lassi Juhani; Salo, Mikko; Vesalainen, Esa V. arXiv.org 2014 / p. 1-27 <https://arxiv.org/abs/1404.2513v2>

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>

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>

A theoretical study of electron drift mobility anisotropy in n-type 4H- and 6H-SiC

Velme, Enn; Udal, Andres Abstracts of International Conference on Silicon Carbide and Related Materials : ICSCRM'99 : October 10-15, 1999, Research Triangle Park, North-Carolina, USA 1999 / paper no 395, 2 p
https://www.researchgate.net/publication/250338907_A_Theoretical_Study_of_Electron_Drift_Mobility_Anisotropy_in_n-Type_4H-and_6H-SiC

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

Вычисление акустического поля, рассеянного и излученного произвольной подкрепленной цилиндрической оболочкой : автореферат ... кандидата физико-математических наук (01.02.04)

Ross, Urmas 1990 http://www.ester.ee/record=b1224955*est

Вычисление акустического поля, рассеянного и излученного произвольной подкрепленной цилиндрической оболочкой : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела

Ross, Urmas 1990 http://www.ester.ee/record=b2479216*est

Дифракция акустических импульсов на упругих телах

Metsaveer, Jaan; Veksler, Naum; Stulov, Anatoli 1979 https://www.ester.ee/record=b1519387*est

Моделирование подвижностей носителей. 2, Рассеивание на носителях и поверхности, эффект насыщения дрейфовой скорости носителей

Rang, Toomas Анализ и синтез сложных систем и цепей с помощью ЭВМ 1986 / с. 117-130

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 акустической среде

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

Об инженерной методике расчета коэффициента рассеяния магнитной системы бесконтактного электродвигателя постоянного тока с аксиальным потоком

Pool, Ain-Matt; Samolevski, Georg Исследование электромагнитных и электромашинных устройств управления и контроля специального назначения 1978 / с. 3-17 : илл https://www.ester.ee/record=b1346523*est <https://digikogu.taltech.ee/et/Item/a244ed16-2990-4904-9ca3-15c6823a6050>

Прием рассеянного излучения в условиях открытой атмосферы

Zahharov, Boriss; Ess, Viktor Исследования по прикладной квантовой электронике 1983 / с. 13-21 : илл https://www.ester.ee/record=b1271959*est <https://digikogu.taltech.ee/et/Item/a565466d-098c-472e-b687-7647aea327b0>

Распределения плотности вероятности фазы гидролокационных сигналов при малой плотности рассеивателей

Müller, E. Теоретические основы методов и приборов измерения параметров слабых сигналов 1979 / с. 25-31 : илл https://www.ester.ee/record=b1267554*est <https://digikogu.taltech.ee/et/Item/323c0193-b2ea-454b-8578-33f3da07fa9f>

Учет двукратного рассеяния при бистатистической локации атмосферы

Zahharov, Boriss; Kuzjan, O.I. Исследования по прикладной квантовой электронике 1989 / с. 24-29