

Adsorptsiooni termodünaamika kui tahkete materjalide omaduste peegeldus = Thermodynamics of adsorption - an expression of properties of solid materials

Mölder, Leevi XVII Eesti keemipäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 127-128

An experimental investigation of effect of the velocity slip on modification of the grid-generated turbulence in a gas-solid particles flow [Electronic resource]

Hussainov, Medhat; Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei Proceedings of the 3rd International Symposium on Two-Phase Flow Modelling and Experimentation : ISTP-2004 : Pisa, Italy, September 22-26, 2004 2004 / paper No. as04. [CD-ROM]

https://www.researchgate.net/publication/356393906_Experimental_study_of_the_effect_of_velocity_slip_and_mass_loading_on_the_modification_of_grid-generated_turbulence_in_gas-solid_particles_flows

An experimental study of effect of particles on a turbulence of gas in a gas-solid particles flows

Hussainov, Medhat; Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei NATO Advanced Study Institute Flow and Transport Processes in Complex Obstructed Geometries : from Cities and Vegetative Canopies to Industrial Problems : Kyiv, Ukraine, May 4-12, 2004 2004 / p. 108-109

An experimental study of the effect of particles on the shear stress in particulate turbulent pipe flow

Kartušinski, Aleksander; Mulgi, Anatoli; Tisler, Sergei; Michaelides, Efstatios Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 2, p. 161-168 : ill

CFD modelling of solid-liquid suspension flow in a horizontal pipe [Elctronic resource]

Yang, Guangyu; Enqvist, Yuko; Qu, Haiyan; Louhi-Kultanen, Marjatta; Kallas, Juha; Wang, J. ECCE-6 proceedings : 6th European Congress on Chemical Engineering (ECCE-6) : Copenhagen, 16-21 September 2007 / ? p. [CD-ROM]

https://folk.ntnu.no/skoge/prost/proceedings/ecce6_sep07/upload/1132.pdf

Creation of defects in solids: effect of long-range forces

Hižnjakov, Vladimir; Haas, Mati; Klopov, Mihail; Šelkan, Aleksander Advances in applied physics and materials science congress : 12.-15.05.2011, Antalya, Turkey. Vol. 1 2011 / p. 467

Deposition of solid particle in laminar boundary layer on a flat plate

Kartušinski, Aleksander; Krupenski, Igor; Tisler, Sergei; Hussainov, Medhat; Štšeglov, Igor High temperature 2009 / 6, p. 892-901 <https://link.springer.com/article/10.1134/S0018151X09060170>

Deposition of solid particles at streamlined surface in turbulent flow

Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Hussainov, Medhat 7th International Conference on Multiphase Flow : ICMF 2010 : Tampa, FL USA, May 30-June 4, 2010 2010 / [8] p. : ill

Deposition of solid particles at streamlined surface in turbulent flow

Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Hussainov, Medhat Dynamics of non-spherical particles in fluid turbulence, Udine Italy, 2011, April 6-8 2011 / [1] p

Deposition of solid particles from aerosol flow in laminar flat-plate boundary layer = Tahkete osakeste väljasadenemine aerosoolvoolustest tasapinnalise plaadi laminaarses piirkohis

Tisler, Sergei 2006 https://www.esther.ee/record=b2158055*est

Design and analysis of a DC solid-state circuit breaker for energy router application

Rahimpour, Saeed 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. 63-64 : ill https://www.esther.ee/record=b5504019*est

Design of the elastic double-spiral strip under local loading

Heinloo, Mati; Külasalu, Margus Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 3, p. 185-195

Dispersion analysis of wave motion in microstructured solids = Lainete dispercioon mikrostruktuuriga materjalides
Peets, Tanel 2011

Dispersive waves in microstructured solids

Berezovski, Arkadi; Engelbrecht, Jüri; Salupere, Andrus; Tamm, Kert; Peets, Tanel; Berezovski, Mihail International journal of solids and structures 2013 / p. 1981-1990 : ill

Echo impulse method used to measure the adsorption 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

Eksperimentaalmehaanika : loengukonspekt

Aben, Hillar; Josepson, Jüri; **Tärno, Ülo** 1995 https://www.ester.ee/record=b5385767*est

Electrochemical methods to establish the surface roughness of solid surfaces

Lust, Enn; Jänes, A.; Miidla, P.; Sammelselg, V.; Lust, K. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 85

Elektrokeemilised meetodid tahkete pindade kareduse määramiseks

Lust, Enn; Jänes, A.; Miidla, P.; Sammelselg, V.; Lust, K. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 76

Emergence of solitary deformation waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 33

Erosion by solid particles : results and trends in Estonia

Kleis, Ilmar; Tadolder, Jüri; Üksi, Lembit First Baltic-Scandinavian Symposium on Mechanics : abstracts 1990 / p. 32

Erosion-corrosion wear of WC-Co hardmetals in solid-liquid mixture

Viljus, Mart; Pirso, Jüri Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 193-197 : ill

Erratum to : Thermodynamic approach to generalized continua

Van, Peter; Berezovski, Arkadi; Papenfuss, Christina Continuum mechanics and thermodynamics 2014 / p. 421-422

Euromech 436, ehk, Nonlinear waves in microstructured solids : [Euroopa Mehaanikaühingu kollokviumist : TTÜ Küberneetika Instituudi korraldusel : 1. juunil, Tallinnas]

Kutser, Mati Mente et Manu 2002 / 18. juuni, lk. 4 https://www.ester.ee/record=b1242496*est

Experimental and theoretical investigation of particle-wall collision

Kleis, Ilmar; Hussainova, Irina; Štšeglov, Igor OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 208-213 https://www.ester.ee/record=b1083704*est

Faasisiirdefrondid martensiitsetes tahkistes : kommentaar eesti Vabariigi teaduse aastapreemia saanud tööle

Berezovski, Arkadi Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 199-202

Foreword

Salupere, Andrus; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences 2015 / p. 201-202 ; Vol. 64, 3S, p. 323-324

Front dynamics in inhomogeneous solids

Berezovski, Arkadi; Engelbrecht, Jüri; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 155-161

Full field computing for elastic pulse dispersion in inhomogeneous bars

Berezovski, Arkadi; Kolman, Radek; Berezovski, Mihail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill
<https://doi.org/10.1016/j.compstruct.2018.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas-solid particle flow in horizontal channels : decomposition of the particle-phase flow and interparticle collision effects

Kartušinski, Aleksander; Michaelides, Efstathios Journal of fluids engineering 2007 / 6, p. 702-712

https://www.researchgate.net/publication/245357137_Gas-Solid_Particle_Flow_in_Horizontal_Channels_Decomposition_of_the_Particle-Phase_Flow_and_Interparticle_Collision_Effects

Grid-generated turbulence in two-phase flow : the effect of parameters of the carrier medium and particles

Kartušinski, Aleksander; Rudi, Ülo; Tisler, Sergei; Hussainov, Medhat; Štšeglov, Igor High temperature 2009 / 2, p. 272-278
<https://link.springer.com/article/10.1134/S0018151X09020187>

Identification of microstructured materials by phase and group velocities

Janno, Jaan; Engelbrecht, Jüri Mathematical modelling and analysis 2009 / 1, p. 57-68
<https://www.tandfonline.com/doi/abs/10.3846/1392-6292.2009.14.57-68>

Impact damage and impact transitions in glass

Hussainova, Irina; Pappel, Toivo OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 59-64: ill

Influence of microstructure on thermoelastic wave propagation

Berezovski, Arkadi; Berezovski, Mihail Acta mechanica 2013 / p. 2623-2633 : ill

Influence of particles properties on the collision of solid particles with hardmetal and cermet

Hussainova, Irina; Kübarsepp, Jakob; Štšeglov, Igor; Tisler, Sergei International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 281-287: ill

Interaction of deformation waves with internal structures in solids

Engelbrecht, Jüri; Berezovski, Arkadi; Peets, Tanel; Tamm, Kert Contributions to the Foundations of Multidisciplinary Research in Mechanics : papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM 2016, Montreal, August 22-26, 2016. Vol. 3 2017 / p. 2236-2237 : ill http://iutam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_3.pdf

Interaction of solitary deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri Book of abstracts the Fifth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, USA, April 16-19, 2007 2007 / p. 114

Internal scales and dispersive properties of microstructured materials

Peets, Tanel Mathematics and computers in simulation 2016 / p. 220-228 : ill <http://dx.doi.org/10.1016/j.matcom.2014.03.006>

Internal variables associated with microstructures in solids

Berezovski, Arkadi Mechanics research communications 2018 / p. 30-34 <https://doi.org/10.1016/j.mechrescom.2017.07.011> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Internal variables in thermoelasticity

Berezovski, Arkadi; Van, Peter 2017 <https://doi.org/10.1007/978-3-319-56934-5>

Internal variables representation of generalized heat equations

Berezovski, Arkadi Continuum mechanics and thermodynamics 2019 / p. 1733–1741 <https://doi.org/10.1007/s00161-018-0729-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Inverse problems for microstructured materials

Janno, Jaan 4th International Conference Inverse Problems : Modelling and Simulation : Fethiye, 26-30.05.2008 : abstracts 2008 / p. 85

Investigation of impact of solid particles against hardmetal and cermet targets

Hussainova, Irina; Kübarsepp, Jakob; Štšeglov, Igor Tribology international 1999 / p. 337-344 : ill

Investigation of particle - wall impact process

Kleis, Ilmar; Hussainova, Irina Wear 1999 / p. 168-173 : ill

Investigation of particle-wall collision

Frishman, Feliks; Haljasmaa, Igor; Pappel, Toivo; Rudi, Ülo; Štšeglov, Igor Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1994 / 4, lk. 263-270

Investigation of particle-wall collision and erosion prediction

Hussainova, Irina 1999 http://www.esther.ee/record=b1371968*est

Investigation of particle-wall collision and erosion prediction

Hussainova, Irina 1999 http://www.esther.ee/record=b1055069*est

Investigation of the oblique impact of a hard particles against a solid targets

Kleis, Ilmar; Hussainova, Irina OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 57-65: ill

2004. aasta teaduspreemia tehnikateaduste alal töö "Faasisiirdefrondid martensiitsetes tahkistes" eest : [Arkadi Berezovski'le]

Berezovski, Arkadi Teadusmõte Küberneetika Instituudis 2010 / lk. 110-119 : ill

Measurement of current pulses due to discharges in a gaseous cavity in solid dielectric

Salvage, B.; Tapupere, Olev Electronics letters : an international publication 1968 / p. 529-530 http://www.esther.ee/record=b2180432*est

Meetod ja seade tahkise astet iseloomustavate suuruste mõõtmiseks : [uus patent]

Ajaots, Maito Inseneeria 2009 / 8(16), lk. 30, 32 : skeem https://artiklid.elnet.ee/record=b1497091*est

Microinertia and internal variables

Berezovski, Arkadi; Van, Peter Continuum mechanics and thermodynamics 2016 / p. 1027-1037 <http://dx.doi.org/10.1007/s00161-016-0477-0>

Microstructured materials : inverse problems

Janno, Jaan; Engelbrecht, Jüri 2011 https://www.ester.ee/record=b2720026*est

Microstructured solids and inverse problems

Engelbrecht, Jüri; Janno, Jaan Rendiconti del Seminario Matematico (Universita e Politecnico di Torino) 2007 / 2, p. 159-169
<https://www.sciencedirect.com/science/article/pii/S0165212505000491>

Modeling of high-concentration gas-particle flow in a horizontal channel

Kartušinski, Aleksander; Michaelides, Efstrathios; Rudi, Ülo Fluid dynamics 2006 / 2, p. 237-248
<https://link.springer.com/content/pdf/10.1007/s10697-006-0037-8.pdf>

Modified simulation of the oblique impact of a hard particle against a ductile solid

Hussainova, Irina OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 49-58: ill

NMR assignment of methyl groups in immobilized proteins using multiple-bond ^{13}C homonuclear transfers, proton detection, and very fast MAS

Paluch, Piotr; Augusyniak, Rafal; Org, Mai-Liis; Vanatalu, Kalju; Kaldma, Ats; Samoson, Ago; Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nonlinear dispersive wave equations for microstructured solids

Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences 2015 / p. 203-211 https://artiklid.elnet.ee/record=b2740520*est

Nonlinear two-dimensional longitudinal and shear waves in solids

Peipman, Tõnu; Valdek, Urmas; Engelbrecht, Jüri Acustica 1992 / p. 84-94

Nonlinear waves and solitons in complex solids

Pastrone, Franco; Engelbrecht, Jüri Mathematics and mechanics of solids 2016 / p. 52-59 : ill
<http://dx.doi.org/10.1177/1081286515572245>

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2020 https://doi.org/10.1007/978-3-662-55771-6_235

Nonlinear waves in solids

Engelbrecht, Jüri; Berezovski, Arkadi; Salupere, Andrus Proceedings of International Symposium on Mechanical Waves in Solids : Zhejiang University, Hangzhou, China, May 15-18, 2006 2006 / p. 16-17

Nonlinear waves in solids and inverse problems

Engelbrecht, Jüri; Ravasoo, Arvi; Salupere, Andrus Abstract Book, IUTAM Symposium on Computational Mechanics of Solid Materials at Large Strains : August 20-24, 2001, Stuttgart, Germany 2001 / p. ?

Numerical modeling of a two-dimensional vertical turbulent two-phase jet

Kartušinski, Aleksander; Michaelides, Efstrathios; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor Fluid dynamics 2012 / p. 769-777 : ill
<https://link.springer.com/article/10.1134/S0015462812060099>

Numerical simulation of propagation of solitary deformation waves in microstructured solids

Salupere, Andrus; Engelbrecht, Jüri; Tamm, Kert USNCCM IX : Ninth US National Congress on Computational Mechanics : San Francisco, CA, July 22-26, 2007 [book of abstracts] 2007 / [8] p

Numerical simulation of the distribution characteristics of fine solid particles in a horizontal pipe

Kartušinski, Aleksander Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 2, p. 144-160

Numerical simulation of uprising gas-solid particle (oil-shale ash) turbulent flow in CFB by different mathematical models

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres Proceedings of CYSENI 2010 : the 7th Annual Conference of Young Scientists on Energy Issues : May 27-28, 2010, Kaunas, Lithuania 2010

On modelling of wave propagation in microstructured solids

Engelbrecht, Jüri; Berezovski, Arkadi Estonian journal of engineering 2013 / p. 171-182 https://artiklid.elnet.ee/record=b2632885*est

On periodic waves governed by the extended Korteweg-deVries equation

Braun, Manfred; Randrüt, Merle International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 10

On propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Book of abstracts : The Sixth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, March 23-26, 2009 2009 / p. 86
<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On solitons in microstructured solids and granular materials

Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri Mathematics and computers in simulation 2005 / p. 502-513 : ill

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearities : the case of biomembranes

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Philosophical magazine 2017 / p. 967-987 : ill
<https://doi.org/10.1080/14786435.2017.1283070>

On the influence of microstructure on heat conduction in solids

Berezovski, Arkadi International journal of heat and mass transfer 2016 / p. 516-520
<http://dx.doi.org/10.1016/j.ijheatmasstransfer.2016.07.085>

On the interaction of deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 93-99 : ill

On the Mindlin microelasticity in one dimension

Berezovski, Arkadi Mechanics research communications 2016 / p. 60-64 : ill <http://dx.doi.org/10.1016/j.mechrescom.2016.09.005>

On the propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Mathematics and computers in simulation 2012 / p. 1308-1320 : ill
<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

On the propagation of solitary pulses in microstructured media

Ilison, Olari; Salupere, Andrus The Forth International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, April 10-14, 2005 : book of abstracts 2005 / p. 150
<https://www.sciencedirect.com/science/article/abs/pii/S0960077905006491>

On the propagation of solitary waves in microstructured solids

Ilison, Olari; Salupere, Andrus 21st International Congress of Theoretical and Applied Mechanics : August 15-21, 2004, Warsaw, Poland : ICTAM04 : abstracts and CD-ROM proceedings 2004 / p. 275

On the propagation of solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Proceedings of the Estonian Academy of Sciences 2010 / 2, p. 118-125 : ill

On the role of nonlinearities in the Boussinesq-type wave equations

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Wave motion 2017 / p. 113-119 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.003>

On the stability of a microstructure model

Berezovski, Mihhail; Berezovski, Arkadi Computational materials science 2012 / p. 193-196 : ill
<https://www.sciencedirect.com/science/article/pii/S0927025611000516>

Particle-laden gas flow in horizontal channels with collision effects

Kartušinski, Aleksander; Michaelides, Efstrathios Powder technology 2006 / 2, p. 89-103 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0032591006002282>

Periodic and solitary waves in microstructured solids and related inverse problems

Janno, Jaan; Sertakov, Ivan 17th International conference on "Mathematical Modelling and Analysis" : June 6-9, 2012, Tallinn, Estonia : abstracts 2012 / p. 57

Periodic waves in microstructured solids and inverse problems

Sertakov, Ivan; Janno, Jaan Mathematical modelling and analysis 2012 / p. 599-617
https://www.researchgate.net/publication/261695332_Periodic_Waves_in_Microstructured_Solids_and_Inverse_Problems

Propagation of solitary pulses in microstructured solids [Electronic resource]

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri 6th European Solid Mechanics Conference ESMC2006 : 28 August - 1 September 2006, Budapest, Hungary : proceedings 2006 / [2] p. [CD-ROM]

Questions about elastic waves

Engelbrecht, Jüri 2015 https://www.ester.ee/record=b4467528*est

Solid particle erosion : occurrence, prediction and control

Kleis, Ilmar; Kulu, Priit 2008 http://www.esther.ee/record=b2368841*est

Solid particle erosion : occurrence, prognostification and control

Kleis, Ilmar; Kulu, Priit 2005 https://www.esther.ee/record=b2080005*est

Solid particle erosion behavior of ceramics at high and room temperature

Jevgrafova, Natalja; Pappel, Toivo Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 111-114 : ill

Solid particle erosion of thermal sprayed coatings

Kulu, Priit; Hussainova, Irina; Veinthal, Renno Wear 2005 / 1/4, p. 488-496 : ill

Solid phase and ion beam epitaxial crystallization of Si implanted with Zn and Pb ions

Angelov, Christo; Georgiev, S.; Amov, Blagoj; **Mikli, Valdek**; Lohner, Tivador Journal of optoelectronics and advanced materials 2007 / 2, p. 311-314

https://www.researchgate.net/publication/289467840_Solid_phase_and_ion_beam_epitaxial_crystallization_of_Si_implemented_with_Zn_and_Pb_ions

Solitary waves in dispersive solids

Engelbrecht, Jüri; Salupere, Andrus; Peterson, Pearu; Maugin, Gerard 3rd EUROMECH Solid Mechanics Conference : book of abstracts 1997 / p. 336

Solitons modelled by Boussinesq-type equations

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Mechanics research communications 2018 / p. 62-65

<https://doi.org/10.1016/j.mechrescom.2017.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soojustehnika

Ots, Arvo Masinaehitaja käsiraamat. 1. kd 1968 / lk. 169-193 https://www.esther.ee/record=b1298495*est

Stationary of the strain energy density in anisotropic solids

Majak, Jüri; Pohlak, Meelis World journal of engineering 2011 / p. 765-766

<https://www.sciencedirect.com/science/article/abs/pii/S0020768303003718>

Stress and solitary waves in solids

Engelbrecht, Jüri; Ravasoo, Arvi; Salupere, Andrus Proceedings of the Fourth Conference of the European Association for Structural Dynamics - EURODYN '99 : Prague, Czech Republic, 7-10 June 1999 1999 / p. 23-30

Tahkeheha elektroonika elementide projekteerimise ja katsetamise numbrilised meetodid ja vahendid : vabariikliku nõupidamise ettekannete teesid

1989 https://www.esther.ee/record=b3661827*est

The resistance of ceramic materials to hard-particle erosion

Pappel, Toivo; Jevgrafova, Natalja OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 65-70: ill

The solid particle erosion of ceramic materials

Pappel, Toivo; Pappel, Priit OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 67-72: ill

Theory and molecular dynamics simulations of intrinsic localized modes and defect formation in solids

Hižnjakov, Vladimir; Haas, Mati; Šelkan, Aleksander; **Klopov, Mihail** Physica scripta 2014 / p. 1-5 : ill

Thermodynamic approach to generalized continua

Van, Peter; **Berezovski, Arkadi**; Papenfuss, Christina Continuum mechanics and thermodynamics 2014 / p. 403-420

Thermoelastic waves in microstructured solids

Berezovski, Arkadi; Berezovski, Mihail Continuous media with microstructure 2 2016 / p. 137-150 https://doi.org/10.1007/978-3-319-28241-1_9

A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations

Adámek, V.; **Berezovski, Arkadi**; Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140

<https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wave hierarchy in microstructured solids

Engelbrecht, Jüri; Pastrone, Franco; Cermelli, P. Geometry, mechanics, micro-structure 1999 / p. 99-111

Wave propagation and interaction in Mindlin-type microstructured solids: numerical simulation = Lainelevi ja interaktsiooni numbriline modelleerimine Mindlini tüüpi mikrostruktuursetes tahkistes
Tamm, Kert 2011 https://www.esther.ee/record=b2679197*est

Wave propagation in microstructured solids: solitary and periodic waves = Lainelevi mikrostruktuursetes tahkistes: üksik- ja perioodilised lained
Randrüt, Merle 2010 https://www.esther.ee/record=b2632234*est

Waves in microstructured materials and dispersion
Engelbrecht, Jüri; Berezovski, Arkadi; Pastrone, Franco; Braun, M. Philosophical magazine 2005 / p. 4127-4141 : ill

Waves in microstructured solids : inverse problems
Janno, Jaan; Engelbrecht, Jüri Wave motion 2005 / p. 1-11

Weakly nonlocal thermoelasticity for microstructured solids : microdeformation and microtemperature
Berezovski, Arkadi; Engelbrecht, Jüri; Van, Peter Archive of applied mechanics 2014 / [13] p

Üksiklained mittelineaarses mikrostruktuuriga tahkises ja nendega seotud pöördülesanne
Janno, Jaan; Engelbrecht, Jüri Aastaraamat 2005 / Eesti Matemaatika Selts 2006 / lk. 12-29

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

Вычисление акустического поля, рассеянного и излученного произвольной подкрепленной цилиндрической оболочкой : автореферат ... кандидата физико-математических наук (01.02.04)
Ross, Urmas 1990 http://www.esther.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.esther.ee/record=b2479216*est

Задачи качения тела произвольной формы с гладкой выпуклой поверхностью на плоскости
Haitin, Ariel Исследования по динамике конструкций 1981 / с. 98-102 : илл. https://www.esther.ee/record=b1309334*est

Засорение суживающихся каналов при протекании жидкости с твердыми включениями
Kangur, H.; Tümanok, Aleksei XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 106 https://www.esther.ee/record=b1306141*est

Некоторые дифференциальные уравнения движения твердого тела
Golst, Georgi Механика твердого деформируемого тела = Tahke deformeeruv keha mehaanika 1985 / с. 105-114
https://www.esther.ee/record=b1230083*est

Нелинейные волновые процессы деформации в твердой среде
Engelbrecht, Jüri Механика твердого деформируемого тела = Tahke deformeeruv keha mehaanika 1984 / с. 29-35
https://www.esther.ee/record=b1230083*est

Образование волнистых поверхностей в процессе изнашивания
Suur, Uno Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 45-62, [12] с. : илл
https://www.esther.ee/record=b2182111*est <https://digikogu.taltech.ee/et/item/28931306-2b98-4361-82fd-7171241556da>

Осаждение твердых частиц в ламинарном пограничном слое на плоской пластине
Hussainov, Medhat; Kartušinski, Aleksander; Krupenski, Igor; Tisler, Sergei; Štšeglov, Igor Теплофизика высоких температур 2009 / 6, с. 927-936

Предельное состояние равновесия тела на шероховатой плоскости
Kurilenko, N.; Lüütre, Enn Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 44-45
https://www.esther.ee/record=b1319482*est

Расчет квазихимических коэффициентов точечных дефектов в твердых телах
Kukk, Peeter-Enn; Mädasson, Jaan; Tuvike, Tiit; Krustok, Jüri; Tomson, A. Дефекты структуры и свойства керамики : четвертое Всесоюзное совещание по химии твердого тела, 11-13 июня 1985 г. : тезисы докладов. Ч.2 1985 / с. 14

Решение краевых задач для поляризованных оболочек при наличии в их полости поляризованных тел

Roninson, Aleksander Теоретическая электротехника : республиканский межведомственный научно-технический сборник 1989 / с. 101-111 : илл https://www.esther.ee/record=b1895084*est

Численное моделирование трехмерного потока "газ-твердые частицы" в горизонтальной трубе
Kartušinski, Aleksander; Martins, Ants; Michaelides, Efstathios; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor Всероссийская конференция «XXIX Сибирский теплофизический семинар» : Новосибирск, 15 – 17 ноября 2010 г. : тезисы докладов 2010 / с. 100 101

Экспериментальное определение теплопроводности твердых тел методом монотонного нагревания

Kääär, Harri; Los, Anna; Jankevitš, Irina 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. 97 https://www.esther.ee/record=b1322629*est