

A new method for tempering stress measurement in glass panels

Aben, Hillar; Anton, Johan; Paemurru, Mart; Õis, Marella Estonian journal of engineering 2013 / p. 292-297 : ill

A new relationship for the experimental-analytical solution of the axisymmetric thermoelasticity problem : short communication

Ainola, Leo; Aben, Hillar ZAMM : Zeitschrift für Angewante Mathematik und Mechanik 2004 / 3, p. 211-215
<https://www.osti.gov/etdeweb/biblio/20629002>

A technique for investigation of tension stiffening effect of flexural RC members

Kaklauskas, G. Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 228-231: ill

An algorithm for localised and diffuse necking analysis

Majak, Jüri; Pohlak, Meelis; Küttner, Rein International journal of computational materials science and surface engineering 2007 / 4, p. 494-508 <https://www.inderscienceonline.com/doi/abs/10.1504/IJCMSSE.2007.016438>

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

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

Analysis of stress distribution of roots of bolt threads

Arjassov, Gennadi; Strižak, Viktor BEM & FEM : 19th International Conference Mathematical Modelling in Solid Mechanics. Boundary and Finite Elements Methods, 30 May - 2 June 2001, Saint Petersburg, Russia : proceedings. Vol. 2 2001 / p. 52-57 : ill

Analysis of stress distribution of roots of bolt threads

Arjassov, Gennadi; Strižak, Viktor BEM & FEM : 19th International Conference Mathematical Modelling in Solid Mechanics. Boundary and Finite Elements Methods, 30 May - 2 June 2001, Saint Petersburg, Russia : proceedings. Vol. 1 2001 / p. 28-29

Application of the concept of fractal for the assessment of intense-deformed condition of an object

Derkach, E.; Tšistokletov, Aleksandr; Matsveyenka, N.; Baraškova, Tatjana Системи обробки інформації 2015 / p. 43-46 : ill

Application of the concept of fractal for the stress assessment of the condition of an object

Baraškova, Tatjana International journal of independent research studies 2016 / p. 8-13 : ill <http://dx.doi.org/10.20448/800.3.1.8.13>

Application of the integrated photoelasticity to determination of residual stresses in glass

Aben, Hillar; Ainola, Leo; Anton, Johan Advances of Methods of Experimental Mechanics 2003 / p. 24-39

Approximation of limit amplitudes of stresses

Arjassov, Gennadi; Žigailov, Sergei 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 332-333 : ill

Armatuuri nakkeküsimusi mullukermitbetoonis

Lepp, Arno 1967 http://www.ester.ee/record=b2199489*est

Assessment of cermets performance in erosive media

Hussainova, Irina; Antonov, Maksim International journal of materials & product technology 2007 / 3/4, p. 361-376 : ill
<https://www.inderscience.com/info/inarticle.php?artid=13085>

Assessment of residual stresses in steels and carbide composites by load and depth sensing indentation with spherical indenter

Sergejev, Fjodor; Petrov, Mihhail Estonian journal of engineering 2012 / p. 259-269 : ill

Automatic measurement of residual stress in glass articles of complicated shape

Aben, Hillar; Anton, Johan; Errapart, Andrei Verre 2003 / p. 44-49 : ill

Average residual stresses in hard Physical Vapor Deposited (PVD) coatings

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; Mikli, Valdek; Adoberg, Eron; Vagiström, Heinar; Kübarsepp, Jakob; Peetsalu, Priidu Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 20-25 : ill <https://doi.org/10.4028/www.scientific.net/KEM.799.20>
<https://www.scientific.net/KEM.799.20> https://www.ester.ee/record=b5235278*est Conference proceeding at Scopus Article at Scopus

Behaviour of material in alteration of loading and stress-relaxation

Kenk, Kalju Proceedings of the 18th International Conference "Boundary & Finite Elements Methods in Mechanics of Solids & Structures" : St.-Petersburg, May 2000. Vol. 2 2000 / p. 275-281

Betooni vahetu pingemõõtmine

Põldaru, J.; Roots, Otto; Raukas, Uusi XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 113 https://www.ester.ee/record=b2449987*est

Calculation technique for evaluating metal random oscillating thermal stress parameters

Klevtsov, Ivan Tallinna Tehnikaülikooli Toimetised 1994 / lk. 16-26: ill

Comparative analysis of residual stresses determined by various methods in brush-plated hard gold and silver coatings

Lille, Harri; Kõo, Jakob; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor; Mikli, Valdek** Engineering materials & tribology XXII 2014 / p. 8-11

Comparative analysis of residual stresses in flame-sprayed and electrodeposited coatings using substrate deformation and hole-drilling methods

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; Toropov, Stanislav; **Veinthal, Renno; Surženkov, Andrei** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 474-479

Comparison of values of residual stresses determined by various methods in hard nickel coatings prepared by brush-plating in sulfate solution

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; Reitsnik, Renno; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 680-687 : ill

Complete residual stress measurement in axisymmetric glass articles

Aben, Hillar; **Ainola, Leo; Anton, Johan** Experimental mechanics 1998 / p. 1343-1346

Computation of the stress state for different circular suspension roof structures

Kulbach, Valdek Modern Building Materials, Structures and Techniques : abstracts of the 7th International Conference : held on May 16-18, 2001, Vilnius, Lithuania 2001 / p. 287-288

Coupled magneto-mechanical analysis of iron sheets under biaxial stress

Aydin, U.; Rasilo, Paavo; Singh, Deepak; Lehtikoinen, Antti; **Belahcen, Anouar**; Arkkio, Antero IEEE transactions on magnetics 2016 / art. 2000804, [4] p. : ill <https://doi.org/10.1109/TMAG.2015.2496207>

Cyclic fatigue evaluation in metals under random oscillating stresses

Klevtsov, Ivan; Crane, Roger Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 4, p. 286-306

Determination of modulus of elasticity, nanohardness and residual stresses in brush-plated gold and silver coatings on copper substrate

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Materials science = Medžiagotyra 2012 / p. 51-56 : ill

https://www.researchgate.net/publication/266348938_Determination_of_Modulus_of_Elasticity_Nanohardness_and_Residual_Stresses_in_Brush-plated_Gold_and_Silver_Coatings_on_Copper_Substrate

Determination of residual stresses in coatings and coated parts

Kõo, Jakob 1994 http://www.ester.ee/record=b1066361*est

Determination of residual stresses in coatings and coated parts : a thesis ... for the degree of doctor of engineering

Kõo, Jakob 1993 http://www.ester.ee/record=b2676917*est

Determination of residual stresses in thermal and cold sprayed coatings by the hole-drilling method

Ryabchikov, Alexander; Lille, Harri; Toropov, Stanislav; Kõo, Jakob; Pihl, Toomas; **Veinthal, Renno** Materials science forum 2011 / p. 171-176

Determination of the temperature field and thermal stress in boiler screen tubes placed in subcooled boiling zone

Afgan, N.; **Vares, Villu**; Jovic, V. Fouling and corrosion in steam generators 1980 / p. 79-92 : ill https://www.ester.ee/record=b1621577*est

Dynamic stability of an elastically restrained tapered cantilever under distributed follower load

Shvartsman, Boris 18th International Conference on Mathematical Modelling and Analysis and 4th International Conference on Approximation Methods and Orthogonal Expansions : May 27-30, 2013, Tartu, Estonia : abstracts : the conference is dedicated to the 75th birthday of professor Gennadi Vainikko 2013 / p. 95

Eelpingestatud raudbetonelementidega armeeritud talad

Kuusekänd, R.; Leibur, Mihkel; Laul, Heinrich Üliõpilaste teaduslike tööde kogumik. II 1956 / lk. 4-10 : ill

https://www.ester.ee/record=b2180955*est <https://digikogu.taltech.ee/et/Item/bceb6ff0-b706-4c4d-a5d9-2da3af1e3162>

Effect of microstructure and residual stresses on the wear resistance and durability of steel bonded TiC cermets
Sergejev, Fjodor; Klaasen, Heinrich; Kübarsepp, Jakob; Traksmäa, Rainer Abstracts of International Conference on Fatigue Damage of Structural Materials - ICFDSM VIII, 18-24 September 2010 2010 / [1] p

Effect of residual stresses on the surface fatigue of TiC-based carbide composites
Sergejev, Fjodor; Klaasen, Heinrich; Kübarsepp, Jakob Procedia engineering 2011 / p. 3152-3161 : ill

Effect of thermo-elastic residual stresses on erosive performance of cermets with core-rim structured ceramic grains
Hussainova, Irina; Kolesnikova, Anna; Hussainov, Medhat; Romanov, Alexey Wear 2009 / p. 177-185 : ill
<https://www.sciencedirect.com/science/article/pii/S0043164809001446>

Elastic and residual stresses around ball indentations on glasses using a micro-photoelastic technique
Yoshida, Satoshi; **Errapart, Andrei** Journal of non-crystalline solids 2012 / p. 3465-3472 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0022309312001548>

Equations for discrete and continuous analysis of prestresses cable structures
Kulbach, Valdek 3rd EUROMECH Solid Mechanics Conference, Stockholm, Sweden, August 18-22, 1997 : book of abstracts 1997 / p. 297

Evaluation of accumulated fatigue in metals due to random oscillating thermal stresses
Klevtsov, Ivan; Crane, Roger Journal of pressure vessel technology 1998 / 1, p. 43-50: ill

Evaluation of residual stresses in PVD coatings by means of strip substrate length variation and curvature method of plate substrate
Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Adoberg, Eron; Lind, Liina; Kurissoo, Liisa; Peetsalu, Priidu** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 212-218 <http://dx.doi.org/10.4028/www.scientific.net/SSP.267.212>

Evaluation of residual stresses in PVD coatings by means of the curvature method of plate
Lille, Harri; Ryabchikov, Alexander; **Adoberg, Eron; Kurissoo, Liisa; Peetsalu, Priidu; Lind, Liina** Engineering materials and tribology XXV 2017 / p. 404-408 <http://dx.doi.org/10.4028/www.scientific.net/KEM.721.404>

Evaluation of residual stresses in PVD coatings by means of tubular substrate length variation
Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Adoberg, Eron; Mikli, Valdek; Kübarsepp, Jakob; Peetsalu, Priidu** Residual Stresses 2018 ECRS-10 : 10th European Conference on Residual Stresses (ECRS10) : Leuven, Belgium, 11-14th September, 2018 2018 / p. 131-136 : ill <https://doi.org/10.21741/9781945291890-21>

Evaluation of stress condition of real threaded joints
Strižak, Viktor; Arjassov, Gennadi Актуальные проблемы механики, прочности и теплопроводности при низких температурах : материалы VIII научно-технической конференции 2002 / p. 22-26 : ill

Evaluation of uncertainties of measurement for residual stresses in coatings determined by the dilatometric method
Rjabtšikov, Aleksander; Lille, Harri; **Laaneots, Rein** Materials science forum 2006 / Residual stresses VII, p. 259-264

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>

Fatigue life estimation for material under random stress oscillations
Klevtsov, Ivan; Crane, Roger Tallinna Tehnikaülikooli Toimetised 1994 / lk. 4-15: ill

Generalized sum rule for thermal and residual stresses in axisymmetric glass articles
Aben, Hillar; **Ainola, Leo** Proceedings of the 3rd International Congress on Industrial and Applied Mathematics, Hamburg, 1995 1996 / 5, p. 3-4

GlasStress : nad tõesti teavad, kuidas klaasi kvaliteeti hinnata
Puusild, Harro Inseneria 2015 / lk. 7-8 : ill https://artiklid.elnet.ee/record=b2738546*est

Half-fringe phase-stepping with separation of the principal stress directions
Aben, Hillar; **Ainola, Leo; Anton, Johan** Proceedings of the Estonian Academy of Sciences. Engineering 1999 / 3, p. 198-211: ill
https://artiklid.elnet.ee/record=b1001721*est

Impact deformations and stresses in target surface
Pappel, Toivo; Järvpõld, Neeme OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 9-15: ill https://www.ester.ee/record=b1083704*est

Influence of pretreatment of substrate surface on residual stresses in different cold spray coatings

Rjabtšikov, Aleksander; Lille, Harri; Toropov, Stanislav; Kõo, Jakob; Pihl, Toomas; **Veinthal, Renno** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 23

Influence of residual stress on the stability of steel columns at elevated temperatures

Kervališvili, Andrei; Talvik, Ivar Journal of civil engineering and management 2017 / p. 292-299 : ill

<https://doi.org/10.3846/13923730.2015.1068845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integraalne fotoelastsusmeetod klaastoodete kvaliteedi kontrollimiseks

Aben, Hillar; **Ainola, Leo; Anton, Johan**; Errapart, Andrei Teadusmõtte Eestis : tehnikateadused 2002 / lk. 9-13 : ill

Integraalse fotoelastsuse tehnoloogia mõõdab jääkpingeid : [autori doktoritööst]

Anton, Johan Inseneeria 2008 / 7, lk. 44-45 : ill

Integrated photoelasticity for nondestructive residual stress measurement in glass

Ainola, Leo; Aben, Hillar; **Anton, Johan** Optics and lasers in engineering 2000 / 1, p. 49-64

Internal stresses in diffusion bonded joints

Laansoo, Andres; Kübarsepp, Jakob; Saarna, Mart; Klaasen, Heinrich Materials science = Medžiagotyra 2006 / 2, p. 110-113 :

ill <https://matsc.ktu.lt/index.php/MatSc/article/view/26413>

Investigation into the residual stresses in gasflame sprayed coatings

Kulu, Priit; Kõo, Jakob; Lille, Harri; **Pihl, Toomas** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 17-31: ill

Investigation of residual stresses and some elastic properties of brush-plated gold and silver galvanic coatings

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; Reitsnik, Renno; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Engineering materials and tribology 2013 / p. 125-130 : ill

Investigation of residual stresses in flame sprayed Ni-based wear resistant coatings by the hole-drilling and X-ray methods

Ryabchikov, Alexander; Lille, Harri; Reitsnik, Renno; Toropov, Stanislav; **Surženkov, Andrei; Kulu, Priit** International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany 2014 / p. 144-149

Investigation of the combined stress and strain situation in diffusion welded rectifying elements

Korolkov, Oleg; Rang, Toomas; Kurel, Raido Surface treatment VI 2003 / p. 307-316 [https://www.witpress.com/elibrary/wit-
transactions-on-engineering-sciences/39/1441](https://www.witpress.com/elibrary/wit-transactions-on-engineering-sciences/39/1441)

Investigation of the velocity distribution and shear stresses in decelerated pipe flow

Aitsam, Alar; Daniel, Eghert; Liiv, Uno Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1990 / 3, lk. 290-295: ill

Jaotatud alaelementidega plastsusmudelid

Kenk, Kalju Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 134

https://www.ester.ee/record=b1052731*est

Journal of thermal stresses

2011

2009. a teaduspreemia innovaatilise tooteni viinud väljapaistva teadus- ja arendustöö "Integraalse fotoelastsusmeetodi teooria, mõõtmistehnoloogia ja aparatuuri väljatöötamine ja rakendamine jääkpingete mõõtmisel klaasitööstuses" eest : [Hillar Aben (kollektiivi juht), Leo Ainola, Andrei Errapart, Johan Anton]

Aben, Hillar; Ainola, Leo; Errapart, Andrei; Anton, Johan Teadusmõtte Kübermeetika Instituudis 2010 / lk. 131-147 : ill

Klaasi läbilöögipinge sõltuvus katsekeskkonnast

Paal, A.; Krutškin, V. XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid

1977 / lk. 69 https://www.ester.ee/record=b2449987*est

3-faasilise järgivsüsteemi häirekindluse uurimine

Vellamäe, U.; Pikkov, Otto XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete

teesid 1977 / lk. 45 https://www.ester.ee/record=b2449987*est

Layer growing/removing method for determination of residual stresses in orthotropic non-homogeneous cylinders

Kõo, Jakob; Valgur, J. Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 352-359 : ill

https://www.researchgate.net/publication/250346582_Layer_GrowingRemoving_Method_for_Determination_of_Residual_Stresses_in_Thin_Ortho

Lihtsustatud seoseid aluste arvutamiseks

Jaaniso, Valdo Ehitusgeoloogia kogumik. 5 1991 / lk. 117-127: ill

Limit state analyses in design of thin-walled marine structures - some aspects on length-scales

Romanoff, Jani; Remes, Heikki; Varsta, Petri; **Kõrgesaar, Mihkel** ASME 2018 37th International Conference on Ocean, Offshore and Arctic Engineering June 17–22, 2018, Madrid, Spain 2018 / Paper No. OMAE2018-78304, p. V11BT12A047, 8 p.

<http://doi.org/10.1115/OMAE2018-78304>

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

Measurement and relaxation observation of residual stresses in brush-plated gold coating depending on the current density

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno**; **Mikli, Valdek** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 50

Measurement of residual stresses in brush-plated nickel coating

Lille, Harri; Kõo, Jakob; **Pihl, Toomas** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 185-188 : ill

Measurement of residual stresses in the cold-rolled Fe-Ni-Mn/Invar thermo-bimetallic plate

Lille, Harri; Kõo, Jakob; Valgur, Jaak; Ryabchikov, Alexander; Reitsnik, Renno; **Veinthal, Renno** International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany Materials science forum 2014 / p. 101-106

Measuring the 2D residual surface stress mapping in tempered glass under the cooling jets : the influence of process parameters on the stress homogeneity and isotropy

Chen, Y.; Locheignes, Dominique; Defontaine, R.; **Anton, Johan**; **Aben, Hillar**; Langlais, R. Strain: an international journal for experimental mechanics 2013 / p. 60-67 : ill

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](#)

Modern photoelasticity for residual stress measurement in glass articles of complicated shape

Aben, Hillar; **Anton, Johan**; Puro, A. Fundamentals of glass science and technology 1997

Mõistatus lahendati Tallinnas

Tehnikamaailm : TM : sõidukid, elektroonika, teadus, tehnoloogia 2020 / lk. 106 : fot https://www.ester.ee/record=b1073050*est

A new approach to edge stress measurement in tempered glass panels

Aben, Hillar; Locheignes, Dominique; Chen, Y.; **Anton, Johan**; Paemurru, Mart; **Õis, Marella** Experimental mechanics 2015 / p.

483-486 : ill <https://doi.org/10.1007/s11340-014-9950-7>

On determination of residual stresses in some PVD coatings by the curvature method

Lille, Harri; Ryabchikov, Alexander; **Lind, Liina**; **Sergejev, Fjodor**; **Adoberg, Eron**; **Peetsalu, Priidu** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 378-382 : ill

On non-destructive residual stress measurement in glass panels

Aben, Hillar; **Anton, Johan**; **Errapart, Andrei**; Hödemann, Siim; Kikas, Jaak; Klaassen, Helina; Lamp, Marko Estonian journal of engineering 2010 / 2, p. 150-156 : ill

On residual stresses in flame sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit**; **Pihl, Toomas** Medžiagotyra = Materials science 1999 / 2, p. 27-29: ill

On residual stresses in flame sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit**; **Pihl, Toomas** Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 156

On the exploitation of the Eshelby stress in isothermal and adiabatic conditions

Maugin, Gerard A.; **Berezovski, Arkadi** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 126-132

On the inhomogeneity of residual stresses in tempered glass panels

Anton, Johan; **Errapart, Andrei**; Paemurru, Mart; Locheignes, Dominique; Hödemann, Siim; **Aben, Hillar** Estonian journal of engineering 2012 / p. 3-11 : ill

On the residual stresses in melted Ni-based powder coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit**; **Pihl, Toomas** Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 110-113: ill

On the stress-strain relations for isotropic materials

Maddison, Ottomar 1937 https://www.ester.ee/record=b1492662*est <https://digikogu.taltech.ee/et/Item/c938e5f0-e839-4106-868e-1acf4d7b71bc>

Optimization of plastic shallow shells with different yield stresses in tension and compression

Hein, H. Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 130-133: ill

Otseste pingemõõtjate kasutamine ehituspraktikas

Kuldsaar, T.; **Teeäär, U.**; **Laul, Heinrich** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 145 https://www.ester.ee/record=b1322611*est

Pingete ja deformatsioonide arvestus

Ollik, Konstantin Masinaehitaja käsiraamat. 1. kd 1968 / lk. 407-464 https://www.ester.ee/record=b1298495*est

Pingeteooria algmed : õppevahend

Raukas, Uusi 1976 https://www.ester.ee/record=b1287914*est

Plastic capacity of bolted RHS flange-plate joints under axial tension

Mudrov, Andrej; Šaučiūvenas, Gintas; Sapalas, Antanas; **Talvik, Ivar** Engineering structures and technologies 2016 / p. 85-93 : ill <http://dx.doi.org/10.3846/2029882X.2016.1216806>

Precision of thread manufacturing and its influence on durability of screws with different thread profiles

Strižak, Viktor; **Penkov, Igor** Machines, technologies, materials 2015 / p. 47-51 : ill <http://stumejournals.com/mtm/Archive/2015/7-2015.pdf>

Prints Ruperti pisarate müsteerium

Saari, Peeter Arvamus, kultuur : [ajalehe Postimees lisa] 2023 / Lk. 10 [Prints Ruperti pisarate äärmiselt plahvatusohtlik müsteerium](https://dea.digar.ee/article/ak/2023/10/21/8.1) <https://dea.digar.ee/article/ak/2023/10/21/8.1>

Prints Ruperti pisarate müsteeriumi lahendamine : ühe teadusprojekti lugu

Õis, Marella; **Anton, Johan**; **Aben, Hillar** Horisont 2017 / lk. 32-35 : fot http://www.ester.ee/record=b1072243*est https://artiklid.elnet.ee/record=b2819551*est

Relaxation of residual stresses in brush-plated gold and silver coatings on copper and on brass substrates

Lille, Harri; Kõo, Jakob; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor**; **Dong, Minjie** Residual stresses IX 2014 / p. 866-871 : ill

Residual stresses analysis in brush-plated galvanic coatings deposited from nickel sulfate electrolyte

Lille, Harri; **Kõo, Jakob**; Rjabtšikov, Aleksander Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 706-713 : ill

Residual stresses and their relaxation in brush-plated gold and silver coatings

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno**; **Mikli, Valdek** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 39

Residual stresses in brush-plated gold coating

Lille, Harri; **Kõo, Jakob**; Rjabtšikov, Aleksander; **Laaneots, Rein** Proceedings of the 57th Annual Conference on Applications of X-ray Analysis [Denver X-ray Conference] and the 8th International Conference on Residual Stresses : 4-8 August 2008, Denver, Colorado, USA 2009 / p. 320-327 : ill

Residual stresses in brush-plated gold coatings

Lille, Harri; Kõo, Jakob; **Pihl, Toomas** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 38-39 : ill

Residual stresses in different brush-plated coatings

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Laaneots, Rein**; **Pihl, Toomas** Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn,

Estonia 2006 / p. 273-278 : ill

Residual stresses in different thermal spray coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 3, p. 162-173 : ill

Residual stresses in some thermal sprayed coatings

Lille, Harri; Kõo, Jakob; **Kulu, Priit; Pihl, Toomas** Materials Engineering & Baltrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 164-168 : ill

Residual stresses in TiC-based cermets measured by indentation

Sergejev, Fjodor; Kimmari, Eduard; Viljus, Mart Proceedia engineering 2011 / p. 2873-2881 : ill
<https://www.sciencedirect.com/science/article/pii/S1877705811006655>

Residual stresses on various PVD hard coatings on tube and plate substrates

Lille, Harri; Ryabchikov, Alexander; **Peetsalu, Priidu; Lind, Liina; Sergejev, Fjodor; Mikli, Valdek; Kübarsepp, Jakob** Coatings 2020 / art. 1054, 11 p <https://doi.org/10.3390/coatings10111054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sisejõud varrastes

Raukas, Uusi 1968 https://www.ester.ee/record=b1336132*est

Strain relaxation mechanism in the Si-SiO₂ system and its influence on the interface properties

Kropman, Daniel; Mellikov, Enn; Öpik, Andres; Lott, Kalju; Volobujeva, Olga; Kämer, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Physica B : condensed matter 2009 / 23/24, p. 5153-5155 : ill

Strain relaxation mechanism in the Si-SiO₂ system and its influence on the interface properties

Kropman, Daniel; Mellikov, Enn; Öpik, Andres; Lott, Kalju; Volobujeva, Olga; Kämer, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Radiation Interaction with Materials and its use in Technologies : Kaunas, 24-27.09.2008 2008 / p. 204-207
<https://www.sciencedirect.com/science/article/pii/S0921452609010321>

Strained condition diagnosis and fatigue life prediction for metals under cyclic temperature oscillations

Klevtsov, Ivan 1994 http://www.ester.ee/record=b1066290*est

Stress distribution in mis-shapen boiler drums

Lausmaa, Toomas; Tallermo, Harri; Klevtsov, Ivan Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 38-41 : ill

Study of residual stresses in some gas-flame sprayed coatings

Kulu, Priit; Kõo, Jakob; Lille, Harri; **Pihl, Toomas** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 42 https://www.ester.ee/record=b1492085*est

Teaduspreemia innovaatilise tooteni viinud väljapaistva teadus- ja arendustöö "Integraalse fotoelastsusmeetodi teooria, mõõtmistehnoloogia ja aparatuuri väljatöötamine ja rakendamine jääkpingete mõõtmisel klaasitööstuses" eest : Hillar Aben (kollektiivi juht), Leo Ainola, Andrei Errapart, Johan Anton

Aben, Hillar; Ainola, Leo; Errapart, Andrei; Anton, Johan Eesti Vabariigi teaduspreemiad 2009 / lk. 40-57 : ill., fot

Technology of integrated photoelasticity for residual stress measurement in glass articles of axisymmetric shape = Integraalse fotoelastsuse tehnoloogia jääkpingete määramiseks telgsümmeetrilistes klaasobjektides

Anton, Johan 2008 http://www.ester.ee/record=b2394498*est

Tee teoreetilisest polarisatsioonoptikast klaasitööstuseni. Fotoelastsus. Pinged läbipaistvates materjalides.

Polariskoobid

Aben, Hillar; Anton, Johan Keeruka maailma võlu 2015 / lk. 83-87 : ill https://www.ester.ee/record=b4488344*est

Tensile analysis and assessment of carbon and alloy steels using FE approach as an idealization of material fractures under collision and grounding

Ridwan; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh;** Sohn, Jung Min Curved and Layered Structures 2020 / p. 188-198
<https://doi.org/10.1515/cls-2020-0016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of sampling to stress distribution in power plant components

Lausmaa, Toomas; Klevtsov, Ivan Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 59-64 : ill

The shear stress and fracture test of furcellaran at moderate concentrations

Eha, Kairit; Laos, Katrin; Barndöck, Tarmo; **Friedenthal, Margus** Food and nutrition = Toit ja toitumine 2001 / p. 41-46 : ill

Thermo-physical properties and thermal shock resistance of chromium carbide based cermets

Antonov, Maksim; Hussainova, Irina 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 26-27 : ill

Unstiffened welded thin-walled metal girder under uniform loading

Vilba, Priit 2003 https://www.ester.ee/record=b1782579*est

Varda sisejõud ja pinged

Metsaveer, Jaan; Raukas, Uusi 1996 https://www.ester.ee/record=b1071099*est

Varda sisejõud ja pinged

Metsaveer, Jaan; Raukas, Uusi 1999 https://www.ester.ee/record=b1223033*est

Varda sisejõud ja pinged

Metsaveer, Jaan; Raukas, Uusi 2001

Varda sisejõud ja pinged : õppevahend

Metsaveer, Jaan; Raukas, Uusi 1987 https://www.ester.ee/record=b1229399*est

Varda tugevusarvutus : õppevahend

Metsaveer, Jaan; Raukas, Uusi 1987 https://www.ester.ee/record=b1164760*est

Õhukeseseinaliste roovtalade pingete ja deformatsioonide uurimine

Tammaru, L.; Jaaksoo, R.; Aare, Johannes XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 146 https://www.ester.ee/record=b1322611*est

X-ray investigation of microstructure and properties evolution on superalloy Inconel-718 derivative during rapid joule heating and severe plastic deformation in-situ

Kommel, Lembit; Traksmäa, Rainer; Mikli, Valdek International journal for innovation education and research 2018 / p. 12-22 : ill <http://ijer.net/index.php/ijer/article/download/1145/813/>

Арматурный динамометр АД-59

Raukas, Uusi; Jürgenson, Aksel Строительные конструкции : сборник статей 1961 / с. 41-55 : илл https://www.ester.ee/record=b1508317*est <https://digikogu.taltech.ee/et/Item/35bb2635-0b94-4bcf-8829-b1bf852f88f3>

Асинхронный электропривод, питаемый от преобразователя напряжения на симметричных тиристорах

Tomson, Jaan; Vinni, P. Электромеханика. 3 1970 / с. 61-68 : илл https://www.ester.ee/record=b2189951*est <https://digikogu.taltech.ee/et/Item/ba0097d6-af8f-4557-96a1-ac545e315074/>

Введение в теорию напряженного состояния : учебное пособие

Raukas, Uusi 1977 https://www.ester.ee/record=b1286093*est

Влияние изменения питающих напряжений на усиление усилителей

Eiskop, Ilmar Труды по электротехнике и автоматике : сборник статей. 6 1968 / с. 45-52 : илл https://www.ester.ee/record=b2182221*est <https://digikogu.taltech.ee/et/Item/28a82977-89e1-4d6c-ae22-51bd6ba069c0>

Влияние начальных напряжений при определении критической нагрузки для круговых цилиндрических оболочек

Räämet, Raimund 1958 https://www.ester.ee/record=b1522457*est <https://digikogu.taltech.ee/et/Item/290788ea-cb8b-4133-9fbd-3b0ba66f5e30>

Влияние нестационарности на реинольдсовыи напряжения ускоренных течений в трубах

Liiv, Uno; Ruubel, Rein Гидротехническое строительство : ежемесячный научно-технический журнал 1987 / с. 30-33 : рис https://www.ester.ee/record=b2136666*est

Волновые процессы деформации упругих плит и оболочек

Ainola, Leo; Nigul, Uno Eesti NSV Teaduste Akadeemia toimetised. Füüsika-matemaatika- ja tehnikateaduste seeria = Известия Академии наук Эстонской ССР. Серия физико-математических и технических наук 1965 / с. 3-63 : рис https://www.ester.ee/record=b1264320*est <https://www.etera.ee/zoom/19651/view?page=1&p=separate&tool=info>

Вопросы теории экспериментального определения напряжений : диссертация на соискание ученой степени кандидата технических наук

Virkus, Hindrek 1973 https://www.ester.ee/record=b3055849*est

Вопросы теории экспериментального определения напряжения : автореферат ... кандидата технических наук (01.02.04)

Virkus, Hindrek 1974 https://www.ester.ee/record=b1306873*est

Действие повторной ударной нагрузки

Golst, Georgi XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 36 https://www.ester.ee/record=b1359832*est

Изменение касательных напряжений на стенке при жесткой модели замедленного течения жидкости в трубах : автореферат ... кандидата технических наук

Daniel, Eghert 1990 https://www.ester.ee/record=b1543831*est

Измерение низких шумовых напряжений

Tammet, Heinar XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 67 https://www.ester.ee/record=b1359832*est

Исследование касательных напряжений на стенке трубопровода при нестационарном напорном течении жидкостей : автореферат ... кандидата технических наук (05.14.09)

Koppel, Tiit 1975 http://www.ester.ee/record=b1664483*est

Исследование касательных напряжений на стенке трубопровода при нестационарном напорном течении жидкостей : диссертация ... кандидата технических наук : 05.14.09 - гидравлика и инженерная гидрология

Koppel, Tiit 1975 http://www.ester.ee/record=b2307049*est

Исследование напряженного состояния цилиндрической оболочки при действии локальных нагрузок от групповых монтажных штуцеров

Gordon, E.; Kulbach, Valdek Тонкостенные и пространственные конструкции 1988 / с. 14-24

Исследование некоторых свойств непосредственного измерителя напряжения бетона : автореферат ... кандидата технических наук (05.480)

Variksoo, Mall 1972 http://www.ester.ee/record=b1353489*est

Исследование некоторых свойств непосредственного измерителя напряжения бетона : диссертация ... кандидата технических наук

Variksoo, Mall 1970 http://www.ester.ee/record=b2266147*est

К вопросу о повторных ударах

Golst, Georgi Ära trükk: Известия высших учебных заведений "Строительство и архитектура" 1963 / 18 с. https://www.ester.ee/record=b5306827*est

К вопросу о повторных ударах

Golst, Georgi 1963 https://www.ester.ee/record=b5306827*est

К расчету максимального напряжения переключения р-п-р-структуры

Velmre, Enn; Rang, Toomas Анализ и моделирование технических устройств и систем АСУТП 1977 / с. 121-126 : илл https://www.ester.ee/record=b2190987*est <https://digikogu.taltech.ee/et/Item/b7c66054-0b4f-4684-9453-442bc7e6e200>

Напряжения от давления в деформированном барабане

Lausmaa, Toomas; Tallermo, Harri Tallinna Tehnikaülikooli Toimetised 1992 / lk. 65-78: ill

О влиянии непосредственного измерителя напряжения бетона на напряженное состояние основной среды : автореферат ... кандидата технических наук (05.23.01)

Promet, Piret 1973 http://www.ester.ee/record=b1389434*est

О влиянии непосредственного измерителя напряжения бетона на напряженное состояние основной среды : диссертация ... кандидата технических наук : 05.23.01- строительные конструкции

Promet, Piret 1972 http://www.ester.ee/record=b2307081*est

О влиянии элементов покрытия на напряженно-деформированное состояние седловидных вантовых конструкций

Õiger, Karl Теория и расчет тонкостенных пространственных конструкций 1985 / с. 41-51

О критическом значении осесимметричного безмоментного напряженного состояния длинной катеноидной оболочки

Alumäe, Nikolai Прикладная математика и механика 1952 / с. 649-658 https://www.ester.ee/record=b1582396*est

О напряженном состоянии оболочек с асимптотическими краями

Alumäe, Nikolai Строительные конструкции и строительная физика : сборник статей. 10 1970 / с. 25-28

https://www.ester.ee/record=b2189979*est <https://digikogu.taltech.ee/et/Item/61a80292-0587-462a-b7a6-0a942f3a8038/>

О применимости метода расчленения напряженного состояния при решении осесимметрических задач динамики замкнутой цилиндрической оболочки

Alumäe, Nikolai Eesti NSV Teaduste Akadeemia toimetised. Füüsika, matemaatika ja tehnikateaduste seeria = Известия Академии наук Эстонской ССР. Серия физико-математических и технических наук 1961 / с. 171-181 : илл

https://www.ester.ee/record=b1264320*est

О работе всячего покрытия при создании преднапряжения

Mänd Ment, Urmas; Kuulman, V. Строительные конструкции и строительная физика : сборник статей. 15 1975 / с. 39-49 : илл

https://www.ester.ee/record=b2190707*est <https://digikogu.taltech.ee/et/Item/9a87b9f4-5ae4-47c8-a764-e1355783d1a5>

О распределении напряжений в уплотняемом грунте

Sürje, Peep Теоретическое и экспериментальное исследование дорог и автомобильного транспорта Эстонской ССР в

условиях интенсивной автомобилизации 1977 / с. 49-57 : илл https://www.ester.ee/record=b1289813*est

<https://digikogu.taltech.ee/et/Item/5d3edd54-dc54-44e8-8bc1-72078333efa5>

О связи между напряжением и сдвигом при кручении

Kenk, Kalju Известия академии наук. Механика твердого тела 1968 / с. 134-139 : ил https://www.ester.ee/record=b3224572*est

О сцеплении арматуры с ячеистым сланцезольным бетоном : автореферат ... кандидата технических наук (480)

Lepp, Arno 1968 http://www.ester.ee/record=b1410330*est

Об определении напряженно-деформированного состояния пластин ультразвуковым просвечиванием

Ravaso, Arvi Тонкостенные и пространственные конструкции покрытий зданий : тезисы докладов Всесоюзной конференции, [23-25 сентября 1986 года]. Том II, П - Я 1986 / с. 13-14 https://www.ester.ee/record=b1248754*est

Определение интенсивности интерференционных линий у цилиндрических образцов при касательном рентгеновском луче

Meitre, Johannes; Schults, Kaljo Tallinna Polütehnilise Instituudi toimetised = Труды Таллинского политехнического института.

Серия А ; 172/173 1960 / с. 39-47 : илл https://www.ester.ee/record=b1415738*est <https://digikogu.taltech.ee/et/Item/f90a96ea-b9d8-43e1-a06f-574f0be42ea0>

Определение напряженного состояния упругой изотропной среды с включениями : автореферат ... кандидата физико-математических наук (01.02.04)

Kulmet, Reet 1989 http://www.ester.ee/record=b1258808*est

Определение напряженного состояния упругой изотропной среды с включениями : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела

Kulmet, Reet 1989 http://www.ester.ee/record=b2473395*est

Определение остаточных напряжений в покрытиях методом замера деформации тонкостенной полосовой подложки : диссертация ... кандидата физико-математических наук : 01.02.03 - строительная механика

Lille, Harri 1986 http://www.ester.ee/record=b2456922*est

Определение остаточных напряжений в покрытиях методом замера деформаций тонкостенной полосовой подложки : автореферат ... кандидата физико-математических наук (01.02.03)

Lille, Harri 1987 http://www.ester.ee/record=b1241159*est

Перераспределение напряжений между бетоном и арматурой в сборных железобетонных мостовых арках

Mägi, Hans; Gibšman, Jevgeni Строительные конструкции и строительная физика. 2 Длительные воздействия в

железобетонных трехшарнирных арочных мостах 1965 / с. 21-43 : илл https://www.ester.ee/record=b1435322*est

<https://digikogu.taltech.ee/et/Item/d19a9e4c-c67d-4b22-8fe7-70dc35825f87>

Преднапряженное состояние тентового покрытия, натянутого на арочный контур

Luure, P.; Laul, Ilmar; Oras, Riho XXXII студенческая научно-техническая конференция вузов Прибалтийских республик,

Белорусской ССР и Молдавской ССР, 19-21 апреля 1988 г. : тезисы докладов : [в 3-х частях], ч. 3 1988 / с. 19

https://www.ester.ee/record=b1571601*est

Приближенный метод расчета полей температур и термических напряжений в стенке труб при резиком охлаждении

Ots, Arvo; Anson, Pavel; Soodla, Uve; Tallermo, Harri 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 1980 / lk. 27-38 : ill https://www.ester.ee/record=b1264310*est

Применение интегральной фотоупругости для определения остаточных напряжений в стекле
Aben, Hillar; **Ainola, Leo**; **Anton, Johan** Проблемы машиностроения и надежности машин 2003 / с. 37-44

Распределение остаточных напряжений в объеме выращенных из расплава монокристаллов хлористого калия
Brosman, Edvard; Goriletski, V.; Kaplan, M.; Ljahov, V.; Sumin, V.; Eidelman, L. Proceedings of the eighth All-Union conference on photoelasticity. 4 : Tallinn, September, 25-28, 1979 = Материалы VIII Всесоюзной конференции по методу фотоупругости 1979 / с. 30-33 : ил https://www.ester.ee/record=b1266656*est

Расчет оболочек с предварительно напряженными цилиндрическими частями
Sumbak, Allan Строительные конструкции и строительная физика : сборник статей. 14 1974 / с. 67-77 : илл
https://www.ester.ee/record=b2190647*est <https://digikogu.taltech.ee/et/Item/68509f29-09cb-4df6-a5b2-608bbc61829c>

Расчет предварительно напряженных цилиндрических оболочек со сквозными бортовыми элементами
Sumbak, Allan Тонкостенные и пространственные конструкции покрытий зданий : тезисы докладов Всесоюзной конференции, [23-25 сентября 1986 года]. Том II, П - Я 1986 / с. 49-50 : илл https://www.ester.ee/record=b1248754*est

Расчет предварительного напряжения вантовой сети висячего покрытия методом конечных элементов
Kasemets, Raivo Теория и расчет тонкостенных пространственных конструкций 1982 / с. 43-52

Расчет тонкостенных металлических балок загруженных распределенной нагрузкой : дис. на соиск. учен. степ. магистра техн. наук специальность 05.23.01 - строительные конструкции = [Jaotatud koostusega õhukeseinaliste metalltalade arvutus]
Vilba, Priit 1992 https://www.ester.ee/record=b2632389*est

Расчет усилий предварительного напряжения седловидного висячего покрытия по этапам
Mänd, Urmas Республиканская конференция "Проектирование и расчет седловидных висячих покрытий" : тезисы докладов 1972 / с. 19-20 https://www.ester.ee/record=b1327073*est

Температурные напряжения в тонкой упругой пластине при наличии источника тепла на контуре пластины
Kulbach, Valdek Строительные конструкции и строительная физика. 1 1963 / с. 49-61 : илл
https://www.ester.ee/record=b2181827*est <https://digikogu.taltech.ee/et/Item/4f8bb93b-51f3-4d84-9ab1-07da67420b34>

Теоретическое и экспериментальное исследование работы тонкостенной балки-стенки
Sarap, Arnold Тонкостенные и пространственные конструкции покрытий зданий : тезисы докладов Всесоюзной конференции, [23-25 сентября 1986 года]. Том II, П - Я 1986 / с. 33-34 : илл https://www.ester.ee/record=b1248754*est

Устройство для измерения усадочных напряжений в клеевом шве
Auriste, Ilja-Ragnar; Sammal, Olav Исследования по строительству 1967 https://www.ester.ee/record=b1181498*est

Циклическая усталость трубы при различных способах моделирования гармонических пульсаций напряжений
Klevtsov, Ivan; **Käär, Harri** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 97-106: ill

Экспериментальное определение уровня пульсации касательных напряжений на стенке трубопровода при переходном движении жидкости
Koppel, Tiit; **Liiv, Uno** Прогнозирование и регулирование качества воды водоемов и исследование методов очистки природных и сточных вод 1977 / с. 43-48 : илл https://www.ester.ee/record=b1309563*est <https://digikogu.taltech.ee/et/Item/b7ac8308-bd5f-45bf-8000-222db26ff1a1>

Экспериментальные данные о напряженном состоянии и несущей способности неразрезной балки-стенки
Lantuh-Ljaštšenko, A. Строительные конструкции и строительная физика : сборник статей. 3 1965 / с. 111-124 : илл
https://www.ester.ee/record=b2182039*est <https://www.etera.ee/zoom/121731/view?>