

Akende soojusjuhtivuse kompleksuuring

Töld, Siim TTÜ üliõpilaste teadustööde konkursi kokkuvõtte : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 14-15

Bussiootekodade pingid saavad katte : [kattematerjalide soojusjuhtivuse uuringud TTÜst]

Tooming, Urmas Postimees 2008 / 12. detsember, lk. 9

A constitutive function for the heat flux in short-fiber-reinforced composites

Herrmann, Heiko Journal of non-equilibrium thermodynamics 2015 / p. 257-263 <https://doi.org/10.1515/jnet-2015-0005>

CVD nanocrystalline multilayer graphene coated 3D-printed alumina lattices

Ramírez, Cristina; Shamshirgar, Ali Saffar; Perez-Coll, Domingo; Osendi, María Isabel; Miranzo, Pilar; Tewari, Girish C.; Karppinen, Maarit; Hussainova, Irina; Belmonte, Manuel Carbon 2023 / p. 36-46 <https://doi.org/10.1016/j.carbon.2022.10.085>

Densities, viscosities, and thermal conductivities of the ionic liquid 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-enium acetate and its mixtures with water

Baird, Zachariah Steven; Uusi-Kyyny, Petri; Dahlberg, Artur; Cederkrantz, Daniel; Alopaeus, Ville International journal of thermophysics 2020 / art. 160, 21 p. : ill <https://doi.org/10.1007/s10765-020-02742-4>

Determining the thermal conductivity of additively manufactured metal specimens

Sarap, Martin; Kallaste, Ants; Ghahfarokhi, Payam Shams; Tiismus, Hans; Vaimann, Toomas 2022 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / 4 p <https://doi.org/10.1109/IWED54598.2022.9722591>

Directional conductivity in layered alumina

Hussainova, Irina; Saffarshamshirgar, Ali; Ivanov, Roman; Volobujeva, Olga; Romanov, Alexey; Gasik, Michael Current applied physics 2022 / p. 68-73 : ill <https://doi.org/10.1016/j.cap.2020.06.009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dynamic calculations of thermal bridges in curtain wall and its effects on cooling loads and thermal delay

Cahyadi, Muhammad Rafif; Alkadri, Miktha Farid; De Luca, Francesco Human-Centric : Proceedings of the 28th International Conference on Computer-Aided Architectural Design Research in Asia (CAADRIA 2023), 21-23 March 2023 ; vol. 2 2023 / p. 441-450 : ill <https://doi.org/10.52842/conf.caadria.2023.2.441>

Efektiiused väikekatlad

Ots, Arvo; Laid, Jaan; Nešumajev, Dmitri; Tiikma, Toomas Keskkonnatehnika 2000 / 6, lk. 6-8 : ill https://artiklid.elnet.ee/record=b1005562*est

The effect of build direction on the thermal conductivity of additively manufactured AIS10Mg and silicon-steel samples

Sarap, Martin; Kallaste, Ants; Shams Ghahfarokhi, Payam; Tiismus, Hans; Vaimann, Toomas 2022 International Conference on Electrical Machines (ICEM) 2022 / p. 538-543 <https://doi.org/10.1109/ICEM51905.2022.9910944>

The effect of build direction on the thermal conductivity of additively manufactured AIS10Mg and silicon-steel samples : [conference paper]

Sarap, Martin 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. 29-30 : ill https://www.ester.ee/record=b5504019*est

Effective thermal conductivity of graphite powder in helium medium

Kruus, Rein; Käär, Harri Recent advances in heat transfer : proceedings of the First Baltic Heat Transfer Conference, Göteborg, Sweden, Aug. 26-28, 1991 1992 / p. 489-497: ill

Effective thermal conductivity of graphite powder in helium medium

Kruus, Rein; Käär, Harri Tallinna Tehnikaülikooli Toimetised 1991 / lk. 71-79: ill

Energy analysis in ice hockey arenas and analytical formula for the temperature profile in the ice pad with transient boundary conditions

Ferrantelli, Andrea; Viljanen, Klaus; Kurnitski, Jarek Advances in building energy research 2021 / p. 499-522 : ill <https://doi.org/10.1080/17512549.2019.1615549> Journal metrics at Scopus Article at Scopus

Enhanced optical and thermal conductivity properties of barium titanate ceramic via strontium doping for thermo-optical applications

Tihti, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; En-nadir, Redouane; Belaid, Walid; Abdelfattah, Mohamed M.; Hussainova, Irina; Pszota, Gabor; Kocserha, Istvan Optical and Quantum Electronics 2023 / art. 226, 20 p. : ill <https://doi.org/10.1007/s11082-022-04516-8>

Experimental determination of graphite powder thermal diffusivity coefficient

Jõgeva, Jüri; Käär, Harri; Viilmann, Illar Tallinna Tehnikaülikooli Toimetised 1991 / lk. 62-70: ill

Fabrication of Cu-Mo composites combining SHS and SLS technologies : poster presentation

Aydinyan, Sofiya; Minasyan, Tatevik; Kirakosyan, Hasmik; **Aghayan, Marina; Hussainova, Irina;** Kharatyan, Suren ECerS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9–13, 2017, Budapest, Hungary : Book of abstracts 2017 / p. 48 <https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

Guyer-Krumhansl-type heat conduction at room temperature

Van, Peter; **Berezovski, Arkadi;** Fülöp, T.; Gróf, Gy.; Kovács, R.; Lovas, Á.; Verhás, J. EPL 2017 / art. 50005, 7 p. : ill <http://doi.org/10.1209/0295-5075/118/50005>

Heat conduction in microstructured solids under localised pulse loading

Berezovski, Arkadi Continuum mechanics and thermodynamics 2021 / p. 2493-2507 <https://doi.org/10.1007/s00161-021-01032-0>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hoone piirdetarindi soojusjuhtivuse arvutusjuhend

Kalamees, Targo 2010 https://www.ester.ee/record=b2563282*est

Hoone piirdetarindi soojusläbivuse arvutusjuhend. Osa 1, Välisõhuga kontaktis olev läbipaistmatu piire [Võrguteavik] = Guidance for calculation of thermal transmittance of building envelope. Part 1, Opaque building envelope in contact with outdoor-air

2016 http://www.ester.ee/record=b4601770*est

Hoone piirdetarindite soojajuhtivuse areng Eestis : ülevaade on pühendatud prof. Leo Jürgensoni 100. sünniaastapäevale

Jõgioja, Endel Ehituskaar 2000 / lk. 18-19 https://artiklid.elnet.ee/record=b1005748*est

Identification of memory kernels in general linear heat flow

Janno, Jaan; Wolfersdorf, Lothar von Journal of inverse and ill-posed problems 1998 / p. 141-164

Identification of memory kernels in heat conduction and viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von International series of numerical mathematics 1999 / p. 301-308

Inverse problem to determine degenerate memory kernels in heat flux with third kind boundary conditions

Pais, Enno; Janno, Jaan Mathematical modelling and analysis 2006 / 4, p. 472-450

<https://journals.vilniustech.lt/index.php/MMA/article/view/9651>

Inverse problems to determine non-homogeneous degenerate memory kernels in heat flow

Pais, Enno 2007 https://www.ester.ee/record=b2298281*est

Katlatorude veepoolsete sadestiste soojusjuhtivuse määramine

Vares, A.; Käär, Harri XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 71 https://www.ester.ee/record=b2449987*est

Lahusti aktiivsuse mõõtmine isotermilise soojusjuhtivuskalomeetria abil

Menert, Anne; Berling, D.; Olofsson, G. XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 96

Liginullenergia. Soojustehnilised arvutused peavad olema õiged

Laur, Toomas Ehitaja 2018 / lk. 38-39 http://www.ester.ee/record=b1072123*est

Measurement of thermal conductivity of moist porous building materials

Saare, Erik; Jansson, Ingvar Bygghälsan 1962 / p. 1-17 : ill https://www.ester.ee/record=b2082921*est

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 Tikhonov regularization for identifying memory kernels in heat conduction and viscoelasticity

Janno, Jaan; Kiss, E.M.; Wolfersdorf, Lothar von Zeitschrift für angewandte Mathematik und Mechanik 2000 / 4, p. 259-272 : ill

<https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291521-4001%28200004%2980%3A4%3C259%3A%3AAID-ZAMM259%3E3.0.CO%3B2-5>

Pinnase temperatuurivälja eksperimentaalne ja teoreetiline uurimine laudasooja põrandkao selgitamiseks

Joorits, Lembit 1965 http://www.ester.ee/record=b2183470*est

Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements

Huntul, M.J.; Hussein, M.S.; Lesnic, D.; Ivancho, M.I.; **Kinash, Nataliia** International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 <https://doi.org/10.1504/IJMMNO.2020.104327> [Journal metrics at Scopus](#) [Article at Scopus](#)

Role of A-site (Sr), B-site (Y), and A, B sites (Sr, Y) substitution in lead-free BaTiO₃ ceramic compounds : structural, optical, microstructure, mechanical, and thermal conductivity properties

Tiitih, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; Kurovics, Emese; Belaid, Walid; **Hussainova, Irina**; **Kocserha, Istvan** Ceramics international 2023 / p. 1947-1959 <https://doi.org/10.1016/j.ceramint.2022.09.160>

Shale gasoline thermal conductivity : experimental data and estimates from correlations for petroleum and coal liquids

Järvik, Oliver ECTP2014 - 20th European Conference on Thermophysical Properties : Porto, Portugal, August 31st-September 4th 2014 : abstracts 2014 / [1] p

Sissejuhatus lõplike elementide meetodisse

Kirs, Jüri 2001 https://www.ester.ee/record=b1485146*est

Sissejuhatus lõplike elementide meetodisse

Kirs, Jüri; **Arjassov, Gennadi** 1999 https://www.ester.ee/record=b1057558*est

Soojus- ja massilevi

1998 https://www.ester.ee/record=b1061581*est

Soojus- ja massilevi. II : loengukonspekt

Poobus, Arvi; **Tiikma, Toomas** 2000 https://www.ester.ee/record=b1475869*est

Soojus- ja massilevi. II osa, Ülesanded

1998 https://www.ester.ee/record=b1209623*est

Soojus- ja massileviseadmed. I osa, Soojusvahetite teooria, arvutused : loengukonspekt

2000 https://www.ester.ee/record=b1438400*est

Soojusisolatsioon- ja ehitusmaterjalide soojusjuhtivusteguri määramise meetoodika

Tiikma, Toomas; **Viilmann, Illar** 1997 https://www.ester.ee/record=b1053785*est

The effect of cracks and voids on heat loss of insulated CLT walls and roofs

Hallik, Jaanus; **Kalamees, Targo** Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 44-45 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

Thermal conductivity of kraft recovery boiler deposits and its influence on the thermal efficiency of boiler furnace

Käär, Harri; **Tiikma, Toomas**; **Tran, Honghi** Advances in engineering heat transfer : proceedings of the Second Baltic Heat Transfer Conference, Jurmala, Riga, Latvia, August 21-23, 1995 1995 / p. 483-492: ill

Thermal power engineering

1991 https://www.ester.ee/record=b1063138*est

Thermal transport and thermoelectric effect in composites of alumina and graphene-augmented alumina nanofibers

Saffarshamshirgar, Ali; **Belmonte, Manuel**; **Tewari, Girish C.**; **Rojas Hernandez, Rocio Estefania**; **Seitsonen, Jani**; **Ivanov, Roman**; **Karppinen, Maarit**; **Miranzo, Pilar**; **Hussainova, Irina** Materials 2021 / art. 2242 <https://doi.org/10.3390/ma14092242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal, mechanical, and acoustic properties of polydimethylsiloxane filled with hollow glass microspheres

Vlassov, Sergei; **Oras, Sven**; **Timusk, Martin**; **Zadin, Veronika**; **Tiirats, Tauno**; **Sosnin, Ilya M.**; **Lõhmus, Rünno**; **Linarts, Artis**; **Kyritsakis, Andreas**; **Dorogin, Leonid M.** Materials 2022 / art. 1652 : ill <https://doi.org/10.3390/ma15051652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Värmeledningstal hos olika jordarter = Thermal conductivity of soils

Saare, Erik; **Wenner, Carl-Gösta** 1957 https://www.ester.ee/record=b5287082*est

Динамика температурного поля грунта под полом животноводческого помещения

Joorits, Lembit Сборник статей по сопротивлению материалов, строительной механике и строительной физике 1965 / с. 113-132 : илл https://www.ester.ee/record=b1375552*est <https://digikogu.taltech.ee/et/Item/5d40fe53-3ad9-4135-851d-af68d3ed8c1c>

Исследование динамики температурного поля коровников при различных видах утепления подземных частей здания : автореферат ... кандидата технических наук (05.488)

Kompus, Valdo 1971 http://www.ester.ee/record=b1410960*est

Исследование динамики температурного поля под коровником при различных видах утепления подземных частей здания : диссертация ... кандидата технических наук : 488 - теория и испытание сооружений

Kompus, Valdo 1971 http://www.ester.ee/record=b2252860*est

Определение теплопроводности и теплоемкости плохих проводников тепла

Niit, H.; Sau, T.; Raidna, R.; Laur, E.; Peets, Gustav X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 31-32

https://www.ester.ee/record=b1749611*est <http://www.digar.ee/id/nlib-digar:376945>

Опытная установка для определения температуропроводности твердых материалов импульсным методом

Jõgeva, Jüri; Käär, Harri XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 69 : илл https://www.ester.ee/record=b1305565*est

Расчет теплопроводности железистых отложений в трубах теплонапряженных поверхностей нагрева паровых котлов

Mikk, Ilmar; Glebov, Vladimir; Zusman, V.; Kruus, Rein; Käär, Harri; Eskin, Naum; Vares, Villu Теплоэнергетика 1980 / с. 43-47 https://www.ester.ee/record=b1443335*est

Расчет теплопроводности материалов с октаэдрическими включениями

Käär, Harri Теплоэнергетика : сборник статей. 16 1977 / с. 155-158 : илл https://www.ester.ee/record=b2190983*est <https://digikogu.taltech.ee/et/Item/df799b79-b7cd-4145-982e-4e8700f14192>

Экспериментальное и теоретическое исследование температурного поля грунта в целях выяснения потери тепла через пол коровника : автореферат ... кандидата технических наук

Joorits, Lembit 1966 http://www.ester.ee/record=b1547907*est

Экспериментальное определение коэффициента теплопроводности материала каркаса железистых отложений

Mikk, Ilmar; Glebov, Vladimir; Kruus, Rein; Käär, Harri; Zusman, V.; Taratuta, V.; Eskin, Naum; Vares, Villu Теплоэнергетика 1980 / с. 63-65 https://www.ester.ee/record=b1443335*est

Экспериментальное определение теплопроводности твердых тел методом монотонного нагревания

Käär, Harri; Los, Anna; Jankevits, 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.ester.ee/record=b1322629*est

Электроизолирующий теплопроводный блок для таблеточных силовых полупроводниковых приборов

Sork, Evee; Hõbemägi, A.; Järv, M.; Tars, J. Тезисы докладов семинара "Новые направления научных исследований в области электромеханики" 1991 / с. 71-73

Эффективная теплопроводность графитовой пыли в среде гелия

Jõger, V.; Kruus, Rein 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. 2 1988 / с 15 https://www.ester.ee/record=b1571601*est

Эффективная теплопроводность наполненных полимеров на основе эпоксидной смолы

Viisimaa, Matti; Käär, Harri Проблемы работы котельных установок тепловых электростанций 1984 / с. 79-85