

An analytical approach for the closure equations of gas-solid flows with inter-particle collisions

Kartušinski, Aleksander; Michaelides, Efstathios International journal of multiphase flow 2004 / 2, p. 159-180

<https://www.sciencedirect.com/science/article/pii/S0301932203002192>

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, Efstathios Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 2, p. 161-168 : ill

An experimental study of the grid-generated turbulence in a two-phase flow - the control of the velocity slip [Electronic resource]

Hussainov, Medhat; Kartušinski, Aleksander; Štšeglov, Igor; Stock, D.E.; Tisler, Sergei Proceedings of the 11 Workshop on Two-Phase Flow Predictions : 2005, Merseburg, Germany 2005 / [12] p. [CD-ROM]

Application of particle tracking velocimetry for studying the dispersion of particles in a turbulent gas flow

Kartušinski, Aleksander; Rudi, Ülo; Tisler, Sergei; Hussainov, Medhat; Štšeglov, Igor High temperature 2012 / p. 381-390 : ill

<https://link.springer.com/article/10.1134/S0018151X12030133>

Assemblage of turbulent jet flows through static particulate media

Lauk, Peep; Rebassa, Josep Hueso; **Kartušinski, Aleksander; Tisler, Sergei; Tähemaa, Toivo**; Polonsky, Andrei Proceedings of the Estonian Academy of Sciences 2016 / p. 284-296 : ill <https://doi.org/10.3176/proc.2016.3.05>

https://artiklid.elnet.ee/record=b2798402*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CFD simulation of bubbly flow in a long coaxial heat exchanger

Akhmadullin, Ildar; Kartušinski, Aleksander Thermal Science and Engineering Progress 2021 / art. 100991, 11 p

<https://doi.org/10.1016/j.tsep.2021.100991> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CFD-PBM modelling of agglomeration and deposition in petroleum industry [Electronic resource]

Balakin, Boris V.; Kartušinski, Aleksander; Hoffman, Alex Christian; Kosinski, Pawel 9th International Conference on Multiphase Flow : ICMF 2016 : May 22-27 2016, Firenze, Italy : proceedings 2016 / [6] p. : ill. [CD-ROM]

Circulating fluidized bed and two-fluid model

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 85-88 : ill

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

Comparison of the RANS and PDF methods for air-particle flows

Kartušinski, Aleksander; Michaelides, Efstathios; Zaichik, Leonid International journal of multiphase flow 2009 / 10, p. 914-923 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0301932209000986>

Comparison of the simulation of turbulent particulate flow in pipes using the TBL, RANS and PDF methods [Electronic resource]

Kartušinski, Aleksander; Michaelides, Efstathios; Zaichik, Leonid 6th International Conference on Multiphase Flow : ICMF2007 : Leipzig, Germany, July 9-13 2007 / [9] p. [CD-ROM]

Deposition of fine solid particles in laminar flat-plate boundary layers [Electronic resource]

Hussainov, Medhat; Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei** Proceedings of FEDSM2007 : 5th joint ASME/JSME Fluids Engineering Conference, San Diego, California, USA, July 30 - August 2, 2007 2007 / [7] p. [CD-ROM] <https://asmedigitalcollection.asme.org/FEDSM/proceedings-abstract/FEDSM2007/42886/911/327596?redirectedFrom=PDF>

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 piirkihis

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

Deposition of solid particles in laminar flat-plate boundary layer [Electronic resource]

Hussainov, Medhat; **Kartušinski, Aleksander;** Rudi, Ülo; **Štšeglov, Igor;** Tisler, Sergei 6th International Conference on Multiphase Flow : ICMF2007 : Leipzig, Germany, July 9-13 2007 / [8] p. [CD-ROM]

Dispersion of solid particles in grid-generated turbulent flow

Hussainov, Medhat; **Kartušinski, Aleksander;** Rudi, Ülo; **Štšeglov, Igor;** Tisler, Sergei ANSYS Workshop "Multiphase Flows - Simulation, Experiment and Application" : 24-26 June 2008, Dresden, Germany 2008 / ? p

Effects of the variation of mass loading and particle density in gas-solid particle flow in pipes

Kartušinski, Aleksander; Michaelides, Efsthathios; Hussainov, Medhat; Rudi, Ülo Powder technology 2009 / 2, p. 176-181 <https://www.sciencedirect.com/science/article/pii/S0032591009001958>

Estimation of the deposition of fine solid particles in a laminar flat-plate boundary layer

Hussainov, Medhat; **Kartušinski, Aleksander;** Rudi, Ülo; **Štšeglov, Igor;** Tisler, Sergei UK-Israel Workshop "Sprays : Modelling versus Experimentation" : Brighton, UK, July 16-18, 2007 2007 / ? p

Eulerian-Eulerian modelling of particle-laden two-phase flow

Kartušinski, Aleksander; Tisler, Sergei; Oliveira, Jorge L. G.; Geld, C. W. M., van der Powder technology 2016 / p. 999-1007 : ill <https://doi.org/10.1016/j.powtec.2016.07.053> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Eulerian–Eulerian RSTM-PDF modeling of turbulent particulate flow

Kartušinski, Aleksander; Michaelides, Efsthathios E.; Hussainov, Medhat; **Štšeglov, Igor;** Akhmadullin, Ildar Mathematics 2023 / art. 2647, 15 p. : ill <https://doi.org/10.3390/math11122647> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental study of the effect of velocity slip and mass loading on the modification of grid-generated turbulence in gas-solid particles flows

Hussainov, Medhat; **Kartušinski, Aleksander;** Rudi, Ülo; **Štšeglov, Igor;** Tisler, Sergei Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 2, p. 169-180 : ill https://artiklid.elnet.ee/record=b1017959*est

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

Kartušinski, Aleksander; Michaelides, Efsthathios 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

Gas-solid particle flow in horizontal channels at high mass loadings [Electronic resource]

Kartušinski, Aleksander; Michaelides, Efsthathios; Rudi, Ülo Proceedings of the 5th International Conference on Multiphase Flow : ICMF-2004 : Yokohama, Japan, May 30-June 4, 2004 2004 / Paper No. 159. [CD-ROM]

Gas-solid particle mixture in vertical duct by RANS approach

Kartušinski, Aleksander; Michaelides, S.E.; Pihlak, Uku Chemical and process engineering 2005 / 3, p. 413-426 https://www.researchgate.net/publication/290058444_Gas-solid_particle_mixture_in_vertical_duct_by_RANS_approach

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>

Mathematical model of two-phase flows loaded with light and heavy particles to analyze CFB processes

Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo; Šablinski, Aleksandr Oil shale 2011 / 1S, p. 169-180 : ill https://artiklid.elnet.ee/record=b2286631*est

Mathematical modelling of the motion of dust-laden gases in the freeboard of CFB using the two-fluid approach
Kartušinski, Aleksander; Siirde, Andres Computational simulations and applications 2011 / p. 143-158 : ill
<https://www.intechopen.com/chapters/21780>

Modeling of high-concentration gas-particle flow in a horizontal channel
Kartušinski, Aleksander; Michaelides, Efstathios; Rudi, Ülo Fluid dynamics 2006 / 2, p. 237-248
<https://link.springer.com/content/pdf/10.1007/s10697-006-0037-8.pdf>

New technological solutions to improve the aerodynamic characteristics of an aircraft wing = Õhusõidukite tiiva aerodünaamiliste omaduste parandamine uute tehnoloogiliste lahenduste abil
Lauk, Peep 2019 <https://digi.lib.ttu.ee/i/?12286> Doktoritöö pakub lahenduse, mis vähendab lennuki kütusekulu kümnendiku jagu

Non-isothermal turbulent jet flow through static particulate media
Rebassa, Josep Hueso; Kartušinski, Aleksander; Krupenski, Igor; Siirde, Andres Advances in heat transfer : proceedings of the 7th Baltic Heat Transfer Conference : Tallinn, Estonia, August 24-26, 2015 2015 / p. 67-72 : ill

Numerical and experimental investigation on flow dynamics in a pipe with an abrupt change in diameter
Anus, Ivar; Kartušinski, Aleksander; Vassiljev, Anatoli; Kaur, Katrin Journal of fluids engineering 2019 / art. 101301, 9 p. : ill
<https://doi.org/10.1115/1.4043233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical modeling of a two-dimensional vertical turbulent two-phase jet
Kartušinski, Aleksander; Michaelides, Efstathios; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor Fluid dynamics 2012 / p. 769-777 : ill
<https://link.springer.com/article/10.1134/S0015462812060099>

Numerical simulation of grid-generated turbulent particulate flow by three-dimensional Reynolds stress
Kartušinski, Aleksander; Rudi, Ülo; Stock, David; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Šablinski, Aleksandr Proceedings of the Estonian Academy of Sciences 2013 / p. 161-174 : ill <https://doi.org/10.3176/proc.2013.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 three-dimensional gas-solid particle flow in a horizontal pipe
Kartušinski, Aleksander; Michaelides, Efstathios; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor AIChE journal 2011 / p. 2977-2988 : ill

Numerical simulation of two-phase turbulent flows in ash circulating fluidized bed = Turbulentsete kahefaasiliste voolude matemaatiline modelleerimine tuha tsirkuleerivas keevkihis
Krupenski, Igor 2010 https://www.ester.ee/record=b2595716*est

Numerical simulation of uprising gas and solids flow in Cfb by Euler/Euler approach
Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo; Šablinski, Aleksandr 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 169-173 : ill

Numerical simulation of uprising gas-solid particle flow in circulating fluidised bed
Kartušinski, Aleksander; Martins, Ants; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor; Siirde, Andres Oil shale 2008 / p. 125-138 : ill https://artiklid.elnet.ee/record=b1456418*est

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

Numerical simulation of uprising gas-solid particles flow by 2D RANS model for CFB conditions
Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 256-261 : ill

Numerical simulation of uprising gas-solid particles turbulent flow in circulating fluidized bed
Šablinski, Aleksandr; Kartušinski, Aleksander; Krupenski, Igor; Siirde, Andres; Rudi, Ülo 21st International Conference on Fluidized Bed Combustion : Naples (Italy), June 3-6, 2012 : proceedings. Vol. 2 2012 / p. 946-953 : ill

Numerical simulation of uprising gas-solid particles turbulent flow using two-dimesion Reynolds Average Navier Stokes equations for fluidized beds conditions
Krupenski, Igor; Kartušinski, Aleksander; Rudi, Ülo; Siirde, Andres International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 62 http://www.ester.ee/record=b4775098*est

Numerical simulation of uprising turbulent flow by 2D RANS for fluidized-bed conditions

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo Oil shale 2010 / 2, p. 147-163 : ill
https://artiklid.elnet.ee/record=b2156207*est

Numerical simulation of upward particulate pipe flows at constant Re

Kartušinski, Aleksander; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor; Šablinski, Aleksandr Proceedings of the 8th International Conference on Multiphase Flow (ICMF 2013) : Jeju, Korea, May 26-31, 2013 2013 / p. 1-7 : ill

Numerical study of gas-liquid flow morphology in a vertical flowmeter nozzle

Kartušinski, Aleksander; Balakin, Boris V.; Kutsenko, Kirill V.; Kosinski, Pawel International Conference of Numerical Analysis and Applied Mathematics 2016,(ICNAAM 2016), 19–25 September 2016, Rhodes, Greece 2017 / art. 030003
<https://doi.org/10.1063/1.4992156> Conference proceedings at Scopus Article at Scopus Article at WOS

Numerical study of upward particulate pipe flows at a constant Reynolds number

Kartušinski, Aleksander; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor; Šablinski, Aleksandr Proceedings of the Estonian Academy of Sciences 2013 / p. 97-108 : ill <https://doi.org/10.3176/proc.2013.2.03> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Particle-laden gas flow in horizontal channels with collision effects

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

Particles deposition at horizontal flat plate in turbulent particulate flow

Kartušinski, Aleksander; Hussainov, Medhat; Michaelides, Efsthathios; **Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor** The Canadian journal of chemical engineering 2014 / p. 1-12 : ill <https://doi.org/10.1002/cjce.21923> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Pinching of alkoxide jets - a route for preparing nanometre level sharp oxide fibres

Tätte, Tanel; Paalo, Madis; Kisand, Vambola; Reedo, Valter; **Kartušinski, Aleksander;** Saal, K.; Mäeorg, U.; Lõhmus, Ants; Kink, I. Nanotechnology 2007 / 12, p. 125301 [5 p.] : ill <https://iopscience.iop.org/article/10.1088/0957-4484/18/12/125301/meta>

RANS modeling of a particulate turbulent downward jet

Kartušinski, Aleksander; Michaelides, Efsthathios 7th International Conference on Multiphase Flow : ICMF 2010 : Tampa, FL USA, May 30-June 4, 2010 2010 / [23] p. : ill <https://www.sciencedirect.com/science/article/abs/pii/S0009250910001107>

RANS modeling of a particulate turbulent round jet

Kartušinski, Aleksander; Michaelides, Efsthathios; **Rudi, Ülo;** Nathan, Graham Chemical engineering science 2010 / 11, p. 3384-3393 : ill <https://www.sciencedirect.com/science/article/pii/S0009250910001107>

RANS modelling in gas-solid particle vertical flow : keynote [Electronic resource]

Kartušinski, Aleksander; Michaelides, Efsthathios Proceedings of FEDSM2005 : 2005 ASME Fluids Engineering Division Summer Meeting and Exhibition : June 19-23, 2005, Houston, TX, USA 2005 / paper No.77132, p. 1-13 : ill. [CD-ROM]
<https://asmedigitalcollection.asme.org/FEDSM/proceedings-abstract/FEDSM2005/41987/591/312773>

RANS numerical modelling of turbulent polydispersed flows in CFB freeboard = Turbulentsete voolude matemaatiline RANS modelleerimine tsirkuleeriva keevkihi tingimustes

Šablinski, Aleksandr 2015 https://www.ester.ee/record=b4446487*est

RANS numerical simulation of turbulent particulate pipe flow for fixed Reynolds number

Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor Computational and numerical simulations 2014 / p. 21-40 : ill

Reynolds stress turbulence model for particulate grid-generated turbulence

Kartušinski, Aleksander; Rudi, Ülo; Stock, David; **Hussainov, Medhat;** Štšeglov, Igor; Tisler, Sergei; **Krupenski, Igor** Proceedings of the 8th International Conference on Multiphase Flow (ICMF 2013) : Jeju, Korea, May 26-31, 2013 2013 / p. 1-9 : ill

RSTM numerical simulation of channel particulate flow with rough wall

Kartušinski, Aleksander; Rudi, Ülo; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor; Stock, David Computational and numerical simulations 2014 / p. 41-63 : ill

The RANS, PDF & TBL simulations of turbulent gas-solid particle flow in vertical pipe [Electronic resource]

Kartušinski, Aleksander; Michaelides, Stathios E.; Zaichik, Leonid 2006 ASME Joint U.S. - European Fluids Engineering Meeting (FEDSM2006) 2006 / [15] p. [CD-ROM]
https://www.researchgate.net/publication/267496080_The_RANS_PDF_TBL_simulations_of_turbulent_gas-solid_particle_flow_in_vertical_pipe

The two-fluid RANS method in an upward round channel flow [Electronic resource]

Kartušinski, Aleksander; Michaelides, S.E.; **Pihlak, Uku** Proceedings of the 11 Workshop on Two-Phase Flow Predictions : 2005, Merseburg, Germany 2005 / [12] p. [CD-ROM]

The two-phase mixture in vertical duct by RANS approach [Electronic resource]

Kartušinski, Aleksander; Michaelides, S.E.; **Pihlak, Uku** CRE X conference "Innovations in Chemical Reactor Engineering" : 2005, Zacatecas, Mexico 2005 / [10] p. [CD-ROM]

3D RANS-RSTM numerical simulation of channel turbulent particulate flow with wall roughness

Kartušinski, Aleksander; **Rudi, Ülo**; Stock, David; **Hussainov, Medhat**; Štšeglov, Igor; **Tisler, Sergei** 11th International Conference on Numerical Analysis and Applied Mathematics 2013 : ICNAAM-2013 : Rhodes, Greece, 21-27 September 2013 2013 <https://doi.org/10.1063/1.4825690> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

3D RSTM and PDF modeling for turbulent particulate channel flows

Kartušinski, Aleksander; **Hussainov, Medhat**; **Rudi, Ülo**; Štšeglov, Igor; **Tisler, Sergei** Smart and Green Interfaces : COST Action MP 1106 - Annual meeting and 5th International Conference on Heat Transfer and Fluid Flow in Microscale Joint Conference : 22-24 April 2014, Campus St. Charles, Marseille, France : book of abstracts 2014 / p. O-39

3D RSTM modeling for particulate grid-generated turbulent and shear flows [Electronic resource]

Kartušinski, Aleksander; **Hussainov, Medhat**; Štšeglov, Igor; **Tisler, Sergei**; Kosinski, Pawel; Balakin, Boris V.; **Lauk, Peep**; **Seegel, Karl-Erik** 9th International Conference on Multiphase Flow : ICMF 2016 : May 22-27 2016, Firenze, Italy : proceedings 2016 / [CD-ROM]

Turbulent particulate pipe flow at constant Reynolds number

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo**; **Tisler, Sergei** Abstract book of the 23rd International Congress of Theoretical and Applied Mechanics : August 19-24, 2012, Beijing, China 2012 / p. 61

Two-fluid RANS-RSTM-PDF model for turbulent particulate flows

Lauk, Peep; **Kartušinski, Aleksander**; **Hussainov, Medhat**; Polonsky, Andrei; **Rudi, Ülo**; Štšeglov, Igor; **Tisler, Sergei**; **Seegel, Karl-Erik** Numerical simulation : from brain imaging to turbulent flows 2016 / p. 339-363 : ill <http://dx.doi.org/10.5772/63338>

Withdrawn - preferential concentration in coherent flow structures : focus on particle-particle interactions [Electronic resource]

Kosinski, Pawel; Balakin, Boris V.; **Kartušinski, Aleksander** 9th International Conference on Multiphase Flow : ICMF 2016 : May 22-27 2016, Firenze, Italy : proceedings 2016 / [CD-ROM]

Моделирование движения плотного газодисперсного потока в горизонтальном канале : падающий и отраженный потоки

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo** Известия АН РАН. Механика жидкости и газа 2005 / ? p

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

Осаждение твердых частиц на обтекаемую поверхность в турбулентном потоке

Kartušinski, Aleksander; **Rudi, Ülo**; **Tisler, Sergei**; **Hussainov, Medhat**; Štšeglov, Igor Всероссийская конференция «XXIX Сибирский теплофизический семинар» : Новосибирск, 15 – 17 ноября 2010 г. : тезисы докладов 2010

Применение цифровой трассерной визуализации для исследования дисперсии частиц в турбулентном газовом потоке

Kartušinski, Aleksander; **Rudi, Ülo**; **Tisler, Sergei**; **Hussainov, Medhat**; Štšeglov, Igor Теплофизика высоких температур 2012 / с. 408-417: ил

Сеточная турбулентность в двухфазном потоке : влияние параметров несущей среды и частиц

Kartušinski, Aleksander; **Rudi, Ülo**; **Tisler, Sergei**; **Hussainov, Medhat**; Štšeglov, Igor Теплофизика высоких температур 2009 / 2, с. 292-298

Численное моделирование вертикальной двухфазной турбулентной струи

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo**; **Tisler, Sergei**; Štšeglov, Igor Всероссийская конференция «XXIX Сибирский теплофизический семинар» : Новосибирск, 15 – 17 ноября 2010 г. : тезисы докладов 2010 / с. 102-103

Численное моделирование двумерной вертикальной двухфазной турбулентной струи

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo**; **Tisler, Sergei**; Štšeglov, Igor Известия РАН : механика жидкости и газа 2012 / с. 115-125 : ил

Численное моделирование потоков газозвеси в вертикальных трубах и эффект столкновений частиц

Kartušinski, Aleksander; Michaelides, Efstathios; **Rudi, Ülo** Известия Российской Академии наук. Механика жидкости и газа

Численное моделирование трехмерного потока "газ-твердые частицы" в горизонтальной трубе

Kartušinski, Aleksander; Martins, Ants; Michaelides, Efsthios; **Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor** Всероссийская конференция «XXIX Сибирский теплофизический семинар» : Новосибирск, 15 – 17 ноября 2010 г. : тезисы докладов 2010 / с. 100 101