

**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

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**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](#)

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**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 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 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 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](#)

**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](https://www.ester.ee/record=b4446487*est)