

## Accepted Manuscript

Numerical investigation of the pseudopotential lattice Boltzmann modeling of liquid-vapor for multi-phase flows

Maedeh Nemati, Alireza Shateri Najafabadi, Davood Toghraie, Arash Karimipour



PII: S0378-4371(17)30701-X  
DOI: <http://dx.doi.org/10.1016/j.physa.2017.07.013>  
Reference: PHYSA 18430

To appear in: *Physica A*

Received date: 16 November 2016

Revised date: 14 May 2017

Please cite this article as: M. Nemati, A.S. Najafabadi, D. Toghraie, A. Karimipour, Numerical investigation of the pseudopotential lattice Boltzmann modeling of liquid-vapor for multi-phase flows, *Physica A* (2017), <http://dx.doi.org/10.1016/j.physa.2017.07.013>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Numerical investigation of the pseudopotential lattice Boltzmann modeling of liquid-vapor for multi-phase flows

**Maedeh Nemati**

Department of Mechanical Engineering, Khomeinishahr Branch, Islamic Azad University, Khomeinishahr, Iran. Email: maedenemati92@gmail.com

**Alireza Shateri Najafabadi**

Faculty of Engineering, Shahrekord University, Shahrekord, Iran. Email: shateri@eng.sku.ac.ir

**Davood Toghraie**

Department of Mechanical Engineering, Khomeinishahr Branch, Islamic Azad University, Khomeinishahr, Iran. Email: Toghraee@iaukhsh.ac.ir

**Arash Karimipour**

**(Corresponding author)**

Department of Mechanical Engineering, Najafabad Branch, Islamic Azad University, Najafabad, Iran.

Email: arashkarimipour@gmail.com

arash.karimipour@pmc.iaun.ac.ir

arash.karimipour@yahoo.com

Download English Version:

<https://daneshyari.com/en/article/5102652>

Download Persian Version:

<https://daneshyari.com/article/5102652>

[Daneshyari.com](https://daneshyari.com)