





















- [24] X. Shan and H. Chen, Lattice Boltzmann Model for Simulating Flows with Multiple Phases and Components, *Physical Review E*, Vol.47, No.3, 1993, pp. 1815-1820.
- [25] X. He and L.S. Luo, Lattice Boltzmann Model for the Incompressible Navier-Stokes Equation, *Journal of Statistical Physics*, Vol.88, No.3, 1997, pp. 927-944.
- [26] C.S. Nor Azwadi and T. Tanahashi, Simplified Finite Difference Thermal Lattice Boltzmann Method, *International Journal of Modern Physics B*, Vol.22, No.22, 2008, pp. 3865-3876.
- [27] H.N. Dixit and V. Babu, Simulation of High Rayleigh Number Natural Convection in a Square Cavity using the Lattice Boltzmann Method, *International Journal of Heat and Mass Transfer*, Vol.49, No.4, 2006, pp. 727-739.
- [28] P. Lallemand and L.S. Luo, Theory of the Lattice Boltzmann Method: Acoustic and Thermal Properties in Two and Three Dimensions, *Physical Review E*, Vol.68, No.3, 2003, pp. 036706/1-036706/25.
- [29] J. Onishi, Y. Chen and H. Ohashi, Lattice Boltzmann Simulation of Natural Convection in a Square Cavity, *JSME International Journal Series B*, Vol.44, No.1, 2001, pp. 45-52.
- [30] S. Harris, *An Introduction to the Theory of the Boltzmann Equation*, Holt, Rinehart and Winston, 1971.
- [31] P.L. Bhatnagar, E.P. Gross and M. Krook, A Model for Collision Process in Gasses. 1. Small Amplitude Processes in Charged and Neutral One-Component System, *Physical Review*, Vol.70, No.3, 1954, pp. 511-525.
- [32] C.S. Nor Azwadi and T. Tanahashi, Three Dimensional Thermal Lattice Boltzmann Simulation of Natural Convection in a Cubic Cavity, *International Journal of Modern Physics B*, Vol.21, No.1, 2007, pp. 87-96.
- [33] T. Seta, E. Takegoshi and K. Okui, Lattice Boltzmann simulation of natural convection in porous media, *Mathematics and Computers in Simulation*, Vol.72, No.1. 2006, pp.195-200.