

# List of errata

## The Lattice Boltzmann Method: Principles and Practice

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*Have you found anything else that should be on this list? If so, please send us an email about it to [authors@lbmbook.com](mailto:authors@lbmbook.com). The most recent version of this document can be found at <https://github.com/lbm-principles-practice/errata>.*

### Chapter 1

**Page 20:** The function arguments on the left-hand side of (1.44c) should be  $v_x^2$ ,  $v_y^2$ , and  $v_z^2$ , and the function argument on the left-hand side of (1.44d) should be  $|\mathbf{v}|^2$ . *(Thanks to Bert Rubash.)*

### Chapter 6

**Page 233:** The equation at the end of the line below (6.5) should be  $S_i = \left(1 - \frac{\Delta t}{2\tau}\right) F_i$ . *(Thanks to Yongsoo Park.)*

### Chapter 10

**Page 421:** The equilibrium moment  $e^{\text{eq}}$  in (10.32) should be  $-2\rho + 3\rho(u_x^2 + u_y^2)$ . *(Thanks to Mohammed Boraie.)*