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`. *The most recent version of this document can be found at* `https://github.com/lbm-principles-practice/errata`.

Chapter 1

Page 8: Equation (1.20) should be $u_x(y) = -\frac{1}{2\eta}\frac{\mathrm{d}p}{\mathrm{d}x}y(d-y)$.   *(Thanks to Hiran Wijesinghe.)*

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^{eq} in (10.32) should be $-2\rho + 3\rho(u_x^2 + u_y^2)$. *(Thanks to Mohammed Boraei.)*