Correction to: Diffusion and Thermodiffusion of Atmospheric Neutral Gases: a Review

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The original version of this article unfortunately contained misprints. The corrections of these misprints are given below.

On page 259, on the left-hand side of Eq. (76) and on the right-hand side of Eq. (82), there is v_{qn} which should be v_{qn} . Corrected Eqs. (76) and (82) should read as follows:

$$m_q \sum_{n(n \neq q)} v_{qn} (1 - \Delta_{qn}) (V_{nz} - V_{qz}) = kTY_{qz}, \quad (76)$$

$$2 \cos(\varphi) \Omega \ll \sum_{n(n \neq q)} v_{qn}. \quad (82)$$

On page 259, on the right-hand side of the expression (81), there is $v_{qn}(1 - D_{qn})$ which should be $v_{qn}(1 - \Delta_{qn})$. The corrected expression (81) should read as follows:

$$D_E(q) = 1 / \sum_{n(n \neq q)} X_n / D^*(q, n) = kT / \left[m_q \sum_{n(n \neq q)} v_{qn} (1 - \Delta_{qn}) \right]. \quad (81)$$

In the first sentence after the expression (81) on page 259, it is necessary to replace “with” by “with the zero value of the Coriolis term in the expression (77) and”.

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