

Erratum to: Chapter 6: Random Search Strategies

V. Méndez et al., *Stochastic Foundations in Movement Ecology*,
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Some mistakes has slipped in on Page 184:

In the first line it should read instead of “ $2L$ ” only “ L ”.

We will focus again on the one-dimensional case with domain size L (Fig. 6.2).

In the second sentence in the paragraph after Eq. (6.11) the term “ $(-L)$ ” should be “ $(0=)$ ”.

This system of first-order differential equations must then be solved under the boundary conditions $T_+(L) = 0$ and $T_-(0) = 0$.

In Eq. (6.13) the numerator should read “ $2x_0(L - x_0)$ ” and the denominator is “ D ”.

$$\langle T \rangle = T(x_0) = \frac{2x_0(L - x_0)}{D} + \frac{L}{v} \quad (6.13)$$

In Eq. (6.14) the denominator in both lines is “ D ”

$$\begin{aligned} \langle T_+ \rangle &\equiv T_+(x_0) = \frac{x_0(L - x_0)}{D} + \frac{L - x_0}{v} \\ \langle T_- \rangle &\equiv T_-(x_0) = \frac{x_0(L - x_0)}{D} + \frac{x_0}{v}. \end{aligned} \quad (6.14)$$