Here is a list of known errors:

- **Section 2.1, Page 18, Item 4**

  When called with no arguments, the list method `pop()` removes and returns the last item in the list, not the first.

  > When called with no argument, `L.pop()` will remove the first item in the list.

  should be replaced by

  > When called with no argument, `L.pop()` will remove the last item in the list.

- **Section 2.5.2, Page 35**

  The function `np.sum(a,n)` will sum over the n-th index of `a`. (For example, if the elements of `a` are labeled `a[i,j,k]`, then `np.sum(a,0)` will sum over all values of `i`.) The text incorrectly indicates that it will sum over "index number $n-1$".

  > Each entry in the new array is the sum of the entries in `a` over all allowed values of index number $n-1$, holding the other indices fixed.

  should be replaced by

  > Each entry in the new array is the sum of the entries in `a` over all allowed values of index n, holding the other indices fixed.

- **Section 5.4.1, Footnote 5, Page 75**

  The roles of `i` and `j` were transposed in the footnote.

  > Python sets `X[i,j]=x_vals[i]` and `Y[i,j]=y_vals[j]`.

  should be replaced with

  > Python sets `X[i,j]=x_vals[j]` and `Y[i,j]=y_vals[i]`.

- **Section 7.2.1, Page 94**

  The line numbers referenced in the first paragraph are incorrect.

  > Instead of drawing each frame "from scratch," the script creates a figure and axes just once (lines 15–16). Then, it creates two variables and assigns them to a line and a point object that initially contain no data (lines 20–21).

  should be replaced by

  > Instead of drawing each frame "from scratch," the script creates a figure and axes just once (lines 14–15). Then, it creates two variables and assigns them to a line and a point object that initially contain no data (lines 19–20).

Aside from a few grammatical mistakes, these are the only errors we are aware of. However, if you discover an error, please visit the blog dedicated to this book:

`http://physicalmodelingwithpython.blogspot.com/`

There is an "Errata" page where you can report possible errors and omissions in the Comments section.