

**Introduction to Programming Concepts
Using MATLAB
Second Edition
Errata**

None reported so far

Introduction to Programming Concepts Using MATLAB

First Edition

Errata

Page 85 – Third line from the bottom should read as:

and regular font by using `\rm` followed by the desired text.

Page 97 – In Exercise 3, the length ratio measurement should be 1/4 and not 4 for the value of x

Page 121 – The problem statement for Example 2 should read as:

Plot the interpolation model, and predict the value of y at $x=6.5$

Page 124 – The problem statement for Example 3 should read as:

Plot the interpolation model, and predict the value of y at $x=6.5$

Page 148 – The line in the center of the page should read as:

...find the difference between corresponding points in two vectors, and if...

Page 171 – In the solution for Example 1 one should be directed to line 10 and not line 9

Page 172 – The line below Figure 15.1 the line should read as:

On line 18 of Figure 15.1, the `simplify` command is used to make the output of line 21 aesthetically more pleasing.

Page 173 – The ODE to solve for in Example 2 should be:

$$3 \frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} + 7y = 11e^{-13x}$$

Page 173 – In the solution for Example 2, the second line should read as:

When inputting the equation on line 12, look at how the $\frac{d^2y}{dx^2}$ part of the equation is entered as D2y.

Page 174 – The reader should be directed to line 21 of Figure 15.3 to see the vpa command.

Page 191 – When finding the total drag in Exercise 4, do not use the formula provided for D_c or C_c . For finding the compressible drag, use the relationship that the compressible component of drag comprises 17% of the total drag.

Page 215 – Figure 16.5 should be titled Figure 19.5.

Page 216 – Figure 16.6 should be titled Figure 19.6.

Page 217 – On the second step in the algorithm, in the BMI formula, “wieghth” should read “weight”

Page 261 – The formula for finding the standard deviation on Exercise 7 should read as:

$$\sigma = \sqrt{\frac{\sum_{i=1}^n (x_i - \bar{x})^2}{n-1}}$$

Page 261 – The infinite series for Exercise 8 should read as:

$$f(x) = \frac{x^2}{17} + \frac{x^3}{3} + \frac{x^4}{3} + \frac{x^5}{3} + \dots$$

Page 279 – The function for the electrical current (i) in Exercise 4 should be:

$$i(t) = 2t^2 - 3t$$

Page 299 – For Exercise 6 the following hint should be considered:

Be sure not to use two numbers with equal magnitude for the initial two guesses, and only use a reasonable number of loop repetitions.

Page 324 – For Multiple choice question 3 the answer for choice (a) should be

$$\begin{bmatrix} 2 & 0 & 3 \\ 1 & 1 & -1 \\ -1 & 4 & 3 \end{bmatrix}$$