Textbook Errata for Ordinary Differential Equations
Adkins/Davidson

- Page 34, line 15/16: "age of the wood sample." should be "age of the wood sample?"
- Page 34, line 21: $t = 5730 - \dfrac{\ln 0.75}{\ln 2} \approx 2378$ should be $t = 5730\left(-\dfrac{\ln 0.75}{\ln 2}\right) \approx 2378$
- Page 73, line 10: $y^2 + 2yt - y^2 = c$ should be $y^2 + 2yt - t^2 = c$
- Page 101, line 2: "Sect. 5" should read "Sect. 4"
- Page 132 line -2[1]: $A_1$ should read $A_2$
- Page 168, line 31: $\mathcal{R}_q$ should be $\mathcal{E}_q$
- Page 168, line 32: $\mathcal{E}_q$ should be $\mathcal{R}_q$
- Page 170, line -5: Reverse the sin and *cos* to get: $c_1 e^{-t}\cos t + c_2 e^{-t}\sin t$.
- Page 172, line 5: $q(s) = ((s-a)^2 + b^2)$ should be $q(s) = (s-a)^2 + b^2$
- Page 174, line 15: Replace $k!$ with $(k-1)!$
- Page 181, line 26: Replace $p(s)$ with $q(s)$
- Page 184, line -6: Awkward sentence: "Furthermore, if we restrict the Laplace transform to $\mathcal{E}_q$ we then get the following fundamental theorem."
- Page 190, line 5: Replace the second occurrence of $t^n * 1$ with $1 * t^n(t)$
- Page 237, line 1: "Sect. 3.3" should read "Sect. 3.1"
- Page 261, line 6: $\{e^{rt}, te^r t\}$ should read $\{e^{rt}, te^{rt}\}$
- Page 263, line 3 and 6: Replace $a$ by $m$ in the formulas.

[1] '$-2$' means two lines from the bottom

- Page 266, line 2: in Exercise 14: Replace "with," with "with an "
- Page 564, line 2: Replace $M_{mn}$ and $M_{np}$ with $M_{m,n}$ and $M_{n,p}$, respectively.
- Page 566, line 16: Insert a space to read: where $\mathbf{y}$.
- Page 571, line -13: make boldface; $\mathbf{x}_p$.
- Page 584, line -1: There is a column in the matrix $A$ that is missing; should read $A = \begin{bmatrix} 2 & 3 & 1 & 4 & -2 \\ 1 & 1 & -1 & 2 & 3 \\ 3 & 5 & 3 & 6 & -7 \\ 4 & 5 & -1 & 8 & 8 \end{bmatrix}$
- Page 742, line 5: $y = -t - \frac{1}{2} - \frac{3}{2}t^{-2}$ should be $y = -t - \frac{1}{2} - \frac{3}{2}t^2$