ERRATA — last updated February 18, 2014

Page 14, In equation (1.4), the two definitions are interchanged. The equation should read

\[ \phi_1 = \frac{\partial u_x}{\partial y}; \quad \phi_2 = \frac{\partial u_y}{\partial x} \quad (1.4) \]

Page 118, In the first unnumbered equation, \( u_2 \) should be replaced by \( u_1 \), i.e.

\[ F_1 = k_1 \delta_1 = k_1 u_1 \]
\[ F_2 = k_2 \delta_2 = k_2 (u_1 \cos 30^\circ - u_2 \sin 30^\circ) \]

Page 125, The expression for \( U \) should read

\[ U = \frac{EI \pi^4}{4L^3} \sum_{i=1}^{N} i^4 C_i^2. \]

This correction (replacing \( L \) by \( L^3 \)) needs to be carried through the unnumbered equations after (3.54), leading to

\[ C_i = -\frac{2L^3}{EI i^4 \pi^2} \int_0^L w(z) \sin \left( \frac{i \pi z}{L} \right) dz. \quad (3.55) \]

Page 224, Problem 4.7: The figure is incorrectly labelled. The symbols \( a \) and \( b \) should be interchanged.

Page 353, line 6: ‘cartilidge’ should be ‘cartilage’.

Page 361, line 4: ‘esentially’ should be ‘essentially’.

Page 371, equation (7.46), ‘\( g_5(\beta z) \)’ should be ‘\( g_3(\beta z) \)’

Page 375, line 6 of Summary: ‘cartiledge’ should be ‘cartilage’.

Page 381, Figure P7.17: ‘exp(az)’ should be ‘exp(−az).

Page 506, Problem 11.5: The dimension \( b \) is wrongly identified in the cross-sectional view. The correct figure is

![Diagram](image)

Page 608: Solution to Problem 3.8 should read \( u_{\text{max}}/u_{\text{min}} = 13.93. \)

Page 610: Solution to Problem 7.6 should read \( u(0) = 6.57 \text{ mm}, \sigma_{\text{max}} = 141 \text{ MPa}. \)