

**Errata to Second Edition**  
**Introduction to Biomechanics for Human Motion Analysis**  
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**Please send any additional errors to Dr. Gordon Robertson, dger@uOttawa.ca.**

**First printing**

- Page 9** Second sentence in Step 2 should read “For example, to convert 25.0 **km/h** to its equivalent in **mph** . . .”
- Page 23** Equations 2.4 should be:  $A_x = A \cos \theta$   
 $A_y = A \sin \theta$
- Page 84** Sentence beginning “It can be derived from equation 5.15 ...” should read “It can be derived from equation **5.11** ...” and “(which is a rearrangement of equation 5.14)” should be “(which is a rearrangement of equation **5.10**)”.
- Page 86** In the solution for Example 5.1.8 the second line should be:  
$$= 0.0 + (35.0 \times 1.5) + \frac{1}{2}(-5.00)1.5^2$$
- Page 88** Question 8. Units of deceleration should be  $\text{m/s}^2$ .
- Page 111** Equation 6.24 should be 6.4.
- Page 119** Proportion on last line should be 0.468 instead of 0.486.
- Page 208** Equation 10.9 should read “ $R p - W g = I \alpha$ ” (changed  $a$  to  $\alpha$ ).
- Page 252** Question 9, page 42-43. Answer should be **42.6 N.m**.
- Page 254** Question 9, page 129, should be **-175.0 N**.  
Question 9, page 140, should be **-40.0 newtons**.  
Question 7, page 168, should be **11.77 kilojoules** or **11 770 J**.  
Question 1, page 173, should be **687 watts**